508390996 02/15/2024

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 Assignment ID: PATI30576

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AUSTIN R. GERDING	02/14/2024
JASON BOCK	02/14/2024
JUSTIN SIEFERD	02/14/2024
PETER BARTA	02/14/2024
MANDAR AHIR	02/14/2024
JONATHAN TRIM	02/14/2024
SHAWN S. PROCTOR	02/13/2024
MARIO AMERLA	02/13/2024

RECEIVING PARTY DATA

Company Name:	AMERICAN AXLE & MANUFACTURING, INC.	
Street Address:	ONE DAUCH DRIVE	
City:	DETROIT	
State/Country:	MICHIGAN	
Postal Code:	48211	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18442377

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: 2486893500

Email: Neilson@REISING.COM
Correspondent Name: REISING ETHINGTON P.C.
Address Line 1: 755 WEST BIG BEAVER RD.

Address Line 2: SUITE 1850

Address Line 4: TROY, MICHIGAN 48084

ATTORNEY DOCKET NUMBER: 8887-3349003

NAME OF SUBMITTER: Laura Neilson

SIGNATURE: Laura Neilson

DATE SIGNED:	02/15/2024	
Total Attachments: 12		
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The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application entitled:

MULTI-SPEED ELECTRIC DRIVE AXLE USING MULTI-LAYSHAFT TRANSMISSION

As a below named inventor, I hereby declare that:

This declaration is directed to (check one):

\boxtimes	The attached application, or
	United States application or PCT international application number
	filed on .

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.

I hereby acknowledge that any willful false statement made in this Declaration and Assignment is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims.

I acknowledge that I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

For good and valuable consideration, the receipt and adequacy whereof I hereby acknowledge, I hereby confirm any prior assignment to American Axle & Manufacturing. Inc., having a place of business at One Dauch Drive, Detroit, Michigan 48211-1198 (hereinafter "Assignee"), and to the extent that I have not already done so, agree to

Page 1 of 4

assign, and hereby do, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the above-identified application, to the above-identified application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the above-identified application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by me had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights.

I hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, any derivation proceedings relating thereto, and as to Letters Patent any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth.

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Page 2 of 4

I hereby request the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and request that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

I hereby grant the law firm of Reising Ethington P.C. the power to insert on this Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

Guter & Duding	
Austin R. GERDING	Jason BOCK
Dated 2/14/24	Dated
Justin SIEFERD	Peter BARTA
Dated	Dated
Mandar AHIR	Jonathan TRIM
Dated	Dated

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Alterney Docket No. 8887-3349003 & 8887-3349004 AAM Ref. No. 4.531, 4.535

DECLARATION AND ASSIGNMENT

Shawn PROCTOR	Mario AMERLA	
Dated	Dated	

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	Jan Biol
Austin R. GERDING	Jason BOCK
Dated	Dated <u>Feb. 14,2024</u>
	· Pu Br
Justin SIEFERD	Peter BARTA
Dated 2/14/24	Dated
(Pindle)	In In
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Austin R. GERDING	Jason BOCK
Dated	Dated
	Peter BARTA
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 Mandar AHIR	 Jonathan TRIM
Dated	Dated

Page 3 of 4

Shawn Proctor	Mario Amerla
Shawn PROCTOR	Mario AMERLA
2/13/2024 Dated	2/13/24 Dated

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PATENT REEL: 066472 FRAME: 0664

RECORDED: 02/15/2024