506855144 09/06/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HANNES RAMM	08/04/2021
MICHAEL HOMANN	08/05/2021
ALEXANDER JOOS	08/12/2021

RECEIVING PARTY DATA

Name:	IAV GMBH INGENIEURGESELLSCHAFT AUTO UND VERKEHR	
Street Address:	CARNOTSTRASSE 1	
City:	BERLIN	
State/Country:	GERMANY	
Postal Code:	10587	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17446980

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.

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Correspondent Name: AXEL NIX

Address Line 1: 400 RENAISSANCE CTR

Address Line 2: **SUITE 2600**

Address Line 4: **DETROIT, MICHIGAN 48243**

ATTORNEY DOCKET NUMBER: IAV01-03 **NAME OF SUBMITTER: BERND AXEL NIX SIGNATURE:** /Axek Nix/ **DATE SIGNED:** 09/06/2021

Total Attachments: 4

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PATENT 506855144

REEL: 057392 FRAME: 0358

EPAS ID: PAT6901965

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PATENT REEL: 057392 FRAME: 0359

COMBINED ASSIGNMENT AND DECLARATION

ASSIGNMENT

We,

Hannes Ramm Michael HOMANN

Spinnereistraße 1 Zur Mühle 3a 30449 Hannover 38533 Vordorf

Germany Germany

Alexander Joos

Lindenhof 32 38518 Gifhorn

Germany

have invented certain new and useful improvements ("Invention") that are disclosed and/or claimed in the following patent application ("Application"):

U.S. Patent Application entitled "Method and device for operating a mechatronic system with a power converter,"

Application No. <u>17/446,980</u>, filed <u>06-Sept-2021</u>.

IAV GmbH Ingenieurgesellschaft Auto und Verkehr, having a place of business at Carnotstraße 1, 10587 Berlin, Germany, on behalf of itself and its successors and assigns ("Assignee") is entitled to and is desirous of acquiring the entire and exclusive rights, title and interest in and to the Invention, the Application, and all other applications and patents derived therefrom in and for the United States.

For good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned, and transferred and by this present instrument, hereby sell, assign and transfer unto the Assignee, the full and exclusive rights, title and interest, including the right to claim priority, in and to the Invention, the Application, and any and all divisions or continuations thereof, and in and to any and all Letters Patents of the United States which may issue on any such application or for the Invention, including any and all reissues or extensions thereof.

We hereby authorize and request the Patent Office Officials in the United States to issue any and all of said Letters Patent, when granted, to the Assignee as the assignee of our entire right, title and interest in and to the same, for the sole use and benefit of the Assignee to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this Assignment and sale not been made.

We hereby authorize and request the firm of Smartpat PLC, of 400 Renaissance Center, Suite 2600 Detroit, MI 48243, to insert on this assignment the filing date and application number of the Application when known.

DECLARATION

As an above-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 hereby 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.

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SIGNATURE SHEET

(inventors may sign separate sheets)

Date:	(SIGNATURE OF INVENTOR)
Date: 05.08.2021	Hannes Ramm ——————————————————————————————————
Date: 12.08.2021	(SIGNATURE OF INVENTOR) Alexander Joos

SIGNATURE SHEET

(inventors may sign separate sheets)

Date: <u>04.08.2074</u>	Mesa
	(SIGNATURE OF INVENTOR)
	Hannes Ramm
Date:	
	(SIGNATURE OF INVENTOR) Michael HOMANN
Doto	
Date:	(SIGNATURE OF INVENTOR)
	Alexander Joos

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PATENT REEL: 057392 FRAME: 0363

RECORDED: 09/06/2021