PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WACIM TAZARINE	02/27/2019
FRANK GRONWALD	03/02/2019
SIMON BETSCHER	03/26/2019

RECEIVING PARTY DATA

Name:	AUTO-KABEL MANAGEMENT GMBH
Street Address:	IM GRIEN 1
City:	79688 HAUSEN IM WIESENTAL
State/Country:	GERMANY

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16327489

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	3988-1900959
NAME OF SUBMITTER:	RUSSELL D. ORKIN
SIGNATURE:	/Russell D. Orkin/
DATE SIGNED:	05/03/2019

Total Attachments: 3

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PATENT 505459901 REEL: 049074 FRAME: 0180

Application No.		16/327,489
Attorney Docket	No.	3988-1900959

ASSIGNMENT

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in

MOTOR VEHICLE ELECTRICAL SYSTEM AND VEHICLE WITH A MOTOR VEHICLE ELECTRICAL SYSTEM

	(Invention Title)
	for which I have this day executed an application for a United States Patent (hereinafter "said application").
ANI	D/OR
X	for which an application for a United States Patent was filed on 05/11/2017 (mm/dd/yyyy) and bears Application Number 16/327,489 (hereinafter "said application").
ANI	D/OR
X	for which an international patent application was filed under the Patent Cooperation Treaty on05/11/2017 _(mm/dd/yyyy), bearing Application NoPCT/EP2017/061249 (hereinafter "said application").
	AND, WHEREAS, Auto-Kabel Management GmbH, a corporation of Germany, ag a place of business at Im Grien 1, 79688 Hausen im Wiesental, Germany, hereinafter the "applicate" is desirous of acquiring the entire right, title, and interest in and to said

NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I as the inventor or as one of the inventors, hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignee the full and exclusive right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries, including rights of priority under the International Convention of Paris (1883) as amended, and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made.

I covenant that I am the lawful owner(s) of said application, inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements or any of them, and that I have the full right to make this Assignment.

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Application No.	16/327,489
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And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignee or by counsel for said assignee to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee.

FULL NAME OF ASSIGNOR: Wacim TAZARINE	RESIDENCE: Erkelenz, Germany
EXECUTED this 22 day of 2012/2014	, 2019 Signature
WITNESS: OPENING SUPERING	· · · · · · · · · · · · · · · · · · ·
2. FULL NAME OF ASSIGNOR: Frank GRONWALD	RESIDENCE: Bedburg, Germany
EXECUTED this OZ day of March.	2019 SIGNATURE
witness: (3/12/22 S404)	SHINATURE
X Checked Box indicates 1 additional page	ge of inventor signatures.

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Application No. 16/327,489

Attorney Docket No. 3988-1900959

RESIDENCE: Grevenbroich, Germany

SKMATURE

EXECUTED this 6 day of 1010 , 2019

Simon BETSCHER

WITNESS:

Courage Buom

3. FULL NAME OF ASSIGNOR:

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PATENT REEL: 049074 FRAME: 0183

RECORDED: 05/03/2019