PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the APPLICATION NUMBER: 16722965 SHOULD HAVE BEEN ENTERED AS 16772965 previously recorded on Reel 054470 Frame 0063. Assignor(s) hereby confirms the ASSIGNMENT.
RESUBMIT DOCUMENT ID:	507143383

CONVEYING PARTY DATA

Name	Execution Date
ZF FRIEDRICHSHAFEN AG	11/06/2020
IBEO AUTOMOTIVE SYSTEMS GMBH	11/23/2020

RECEIVING PARTY DATA

Name:	IBEO AUTOMOTIVE SYSTEMS GMBH
Street Address:	MERKURRING 60-62
City:	HAMBURG
State/Country:	GERMANY
Postal Code:	22143

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	16772965
Application Number:	16772887
Application Number:	16772908

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NAME OF SUBMITTER:	SCOTT W. KELLEY
SIGNATURE:	/Scott W. Kelley, Reg. No. 30,762/
DATE SIGNED:	05/05/2022

507268531 PATENT REEL: 059855 FRAME: 0923

Total Attachments: 4

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PATENT REEL: 059855 FRAME: 0924



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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

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IBEO AUTOMOTIVE SYSTEMS GMBH	11/23/2020

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PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	16772887
Application Number:	16772908
Application Number:	16722965

CORRESPONDENCE DATA

PATENT REEL: 059855 FRAME: 0925 _{)20, 12:03 PM} Fax Number:

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number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET

NUMBER:

RICHT-60294-6

NAME OF SUBMITTER: SCOTT W. KELLEY

Signature: /Scott W. Kelley, Reg. No. 30,762/

Date: 11/25/2020

Total Attachments: 2

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PATENT

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Assignment Agreement

To the State Intellectual Property Offices of South Korea and USA:

The following PCT applications

 PCT/EP2018/081990 with the title "Arrangement and method for determining a distance of at least one object using light signals", filed on November 20, 2018 and published as WO 2019/115184 A1 on June 20, 2019;

 PCT/EP2018/081992 with the title "Receiving arrangement for receiving light signals", filed on November 20, 2018 and published as WO 2019/115185 A1 on June 20, 2019;

3) PCT/EP2018/081586 with the title "LIDAR receiving unit", filed on November 16, 2018 and published as WO 2019/115148 A1 on June 20, 2019;

4) PCT/EP2018/081592 with the title "Method for Improved near and remote detection of a LIDAR receiving unit", filed on November 16, 2018 and published as WO 2019/115149 A1 on June 20, 2019; and

5) PCT/EP2018/081598 with the title "LIDAR Measurement System", filed on November 16, 2018 and published as WO 2019/115151 A1 on June 20, 2019

have the common applicants

ZF Friedrichshafen AG, Löwentaler Straße 20, 88046 Friedrichshafen, Germany

and

<u>Ibeo Automotive Systems GmbH,</u>

Merkurring 60-62,

22143 Hamburg,

PATENT REEL: 059855 FRAME: 0927

Germany.

Both of the two applicants agree hereby to designate Ibeo Automotive Systems GmbH ("Assignee") as the only applicant when entering the national phases of PCT/EP2018/081990, PCT/EP2018/081992, PCT/EP2018/081586, PCT/EP2018/081592 and PCT/EP2018/081598 into South Korea and USA. Therefore, the rights, title and interest of aforementioned PCT applications of ZF Friedrichshafen AG, Ibeo Automotive Systems GmbH ("Assignors") are herewith transferred with all rights and duties to Ibeo Automotive Systems GmbH ("Assignee") when entering the national phases into South Korea and USA.

The Assignors

1.) ZF Friedrichshafen AG

2.) Ibeo Automotive Systems GmbH

Name:

Dr. Davor Stoicic / Wolfgang Gebhard Name:

Position:

Senior Manager Intellectual Property ZF Group

Position:

Place, Date:

Friedrichshafen, November 06, 2020

Place, Date:

Dr. Ulrich Lages CEO 10: Hambing, 2341.2020

i. V. DY Davor Stoicic

(Signature and Seal)

i. V. Wolfgang Gebhard

(Signature and

Med Automotive Systems Symbol

221/2 Name that Samuelly

The Assignee

Ibeo Automotive Systems GmbH

Name: Dr. Ulnich lages Position: ()

Place, Date Hombern, 27-11. 2020

(Signature an

11 W 0 Bed Authorizative Systems Grains 2216 Herrican Contracts

> **PATENT** REEL: 059855 FRAME: 0928

RECORDED: 02/23/2022