

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LARS GOEPFERT	02/15/2022
THOMAS REICHEL	02/23/2022
TILO SCHUBERT	02/15/2022
MIRU RICHARD GEORGE	02/15/2022
RECEIVING PARTY DATA	
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Street Address:	GRENZSTRASSE 28
City:	DRESDEN
State/Country:	GERMANY
Postal Code:	01109
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17680701
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<i>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.</i>	
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ATTORNEY DOCKET NUMBER:	40340
NAME OF SUBMITTER:	CHAO WEI CHUNG
SIGNATURE:	/Chao Wei Chung/
DATE SIGNED:	02/25/2022
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 8	
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source=40340_R191111-US_AssignDec_Lars_GOEPFERT#page2.tif
source=40340_R191111-US_AssignDec_Thomas_REICHEL#page1.tif
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source=40340_R191111-US_AssignDec_Tilo_SCHUBERT#page1.tif
source=40340_R191111-US_AssignDec_Tilo_SCHUBERT#page2.tif
source=40340_R191111-US_AssignDec_Miru_Richard_GEORGE#page1.tif
source=40340_R191111-US_AssignDec_Miru_Richard_GEORGE#page2.tif

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR
SINGLE ASSIGNEE**

**Title of
Invention:**

TIMING DETECTION AND CORRECTION METHOD FOR A SLAVE
DEVICE IN AN IO-LINK COMMUNICATION AND SLAVE DEVICE OF
AN IO-LINK COMMUNICATION

As the below named inventor, I hereby declare that:

This declaration is directed to:

- 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 application.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

Whereas, the undersigned inventor has made certain inventions, improvements and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application;

Whereas, **Renesas Electronics Germany GmbH**, having a place of business at **Grenzstrasse 28, 01109 Dresden, Germany**, desires to acquire, and the undersigned inventor desires to grant to **Renesas Electronics Germany GmbH**, the entire worldwide right, title and interest in and to any and all patent applications and patents directed thereto;


Now, therefore, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned inventor hereby sells, assigns and transfers to **Renesas Electronics Germany GmbH**. (the "Assignee"), its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States, in all foreign countries and jurisdictions, under the Paris Convention, under the Patent Cooperation Treaty and under any other treaty or convention, including all divisional, continuing, substitute, reexamination, renewal, reissue and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, the undersigned inventor hereby authorizes and requests the Commissioner of Patents to issue, in accordance with this assignment, any and all United States

Letters Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention to said Assignee, its successors, assigns and legal representatives; and agreeing to carry out in good faith the intent and purpose of this assignment, the undersigned inventor will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and legal representatives, all facts known to the undersigned inventor relating to said improvements and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned inventor, and that full right to convey the same as herein expressed is possessed by the undersigned inventor.

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.

LEGAL NAME OF INVENTOR

Inventor (Printed Name):	Lars GOEPFERT	Date (MM-DD-YYYY):	02 / 15 / 2022
Signature:	<u>/  /</u>		
Residence:	Dresden	Germany	
	City	State/Country	

SCULLY, SCOTT, MURPHY & PRESSER, PC
400 GARDEN CITY PLAZA, SUITE 300, GARDEN CITY, NY 11530
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LEGAL NAME OF INVENTOR

Inventor (Printed Name):	Thomas REICHEL	Date (MM-DD-YYYY):	02 / 23 / 2022
Signature:	<u>/ <i>Thomas Reichel</i> /</u>		
Residence:	Dresden	Germany	
	City	State/Country	

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LEGAL NAME OF INVENTOR

Inventor (Printed Name): Tilo SCHUBERT Date (MM-DD-YYYY): 02 / 15 / 2022

Signature: / Tilo Schubert /

Residence: Dresden Germany
City State/Country

SCULLY, SCOTT, MURPHY & PRESSER, PC
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LEGAL NAME OF INVENTOR

Inventor (Printed Name): Miru Richard GEORGE Date (MM-DD-YYYY): 02 / 15 / 2022

Signature: /  /

Residence: Dresden Germany
City State/Country

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