

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5982853

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HERMANN EICHER	02/10/2020
RALPH HABIGER	02/10/2020
ANDREAS OTTO	02/12/2020
CYNTHIA HALM	02/18/2020
RECEIVING PARTY DATA	
Name:	ROBERT BOSCH GMBH
Street Address:	WERNERSTRASSE 1
City:	STUTTGART
State/Country:	GERMANY
Postal Code:	70469
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16639672
CORRESPONDENCE DATA	
Fax Number:	(319)365-8443
<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>	
Phone:	3193659461
Email:	uspto@shuttleworthlaw.com
Correspondent Name:	TIMOTHY J. KLIMA
Address Line 1:	PO BOX 2107
Address Line 4:	CEDAR RAPIDS, IOWA 52406
ATTORNEY DOCKET NUMBER:	20550-0264
NAME OF SUBMITTER:	TIMOTHY J. KLIMA
SIGNATURE:	/TIMOTHY J. KLIMA/
DATE SIGNED:	02/26/2020
Total Attachments: 6	
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NONPROVISIONAL PATENT ASSIGNMENT

Assignee Reference No.	RBO180801PUS-6/MV 20550-0264
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Please return notice of recordation to:

[Customer Number: 23486]
Shuttleworth & Ingersoll, PLC
 115 3rd Street SE, Suite 500
 Cedar Rapids, IA 52401

Phone: (319) 365-9461
 Fax: (319) 365-8443
 Email: uspto@shuttleworthlaw.com

For good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged by the undersigned, to wit:

INSERT	1	Hermann EICHER	4	Cynthia HALM
INVENTOR	2	Ralph HABIGER	5	
NAME(S)	3	Andreas OTTO	X box if continued on page 2	

the undersigned hereby sell(s), assign(s) and transfer(s) unto and at the request of:

INSERT ASSIGNEE(S) NAME & ADDRESS	ROBERT BOSCH GmbH Wernerstrasse 1 70469 Stuttgart GERMANY
--	---

(hereinafter "ASSIGNEE"), the entire right, title and interest in the invention in the United States ("US"), its territorial possessions and all foreign countries, including all applications therefor, including any and all previously filed applications, and any and all future divisions, continuations, substitutes, reissues, renewals, foreign and PCT applications thereof (including the right to claim priority under the terms of the International Convention and other relevant international Treaties and Arrangements from said applications), and any and all resulting patents, the invention known as:

INVENTION TITLE	CONTACT PIN FOR PRESSING INTO A PRINTED CIRCUIT BOARD AND CONTACT ARRANGEMENT
----------------------------	--

The undersigned hereby authorize(s) and request(s) patent office officials in the US, its territorial possessions and all foreign countries, to issue any and all said patents to ASSIGNEE (including its successors and assigns) for its sole use and benefit; the undersigned agree(s) that the attorney of record in said applications shall hereinafter act on behalf of ASSIGNEE (including its successors and assigns).

The undersigned hereby agree(s) to testify, make oaths, execute papers and assist in any manner ASSIGNEE (including its successors and assigns) and its representatives, as deemed necessary by ASSIGNEE (including its successors and assigns) for ASSIGNEE'S (including its successors and assigns) full protection and title in and to the invention in the US, its territorial possessions and all foreign countries.

The undersigned hereby authorize(s) Shuttleworth & Ingersoll, PLC of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

DATE SIGNED

INVENTOR

2020/06/10

H.E. C

Name: Hermann EICHER		
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Name: Ralph HABIGER		
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Name: Andreas OTTO		
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ASSIGNEE(S)	Wernerstrasse 1
NAME & ADDRESS	70469 Stuttgart
	GERMANY

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INVENTION	CONTACT PIN FOR PRESSING INTO A PRINTED CIRCUIT
TITLE	BOARD AND CONTACT ARRANGEMENT

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INVENTOR

DATE SIGNED

WITNESS

Name: Hermann EICHER

Name: Ralph HABIGER

Name: Andreas OTTO

2020/02/10

U. Wager

PATENT

REEL: 051934 FRAME: 0866

NONPROVISIONAL PATENT ASSIGNMENT

Assignee Reference No.	RBO180801PUS-6/MV 20550-0264
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INSERT INVENTOR NAME(S)	1	Hermann EICHER	4	Cynthia HALM
	2	Ralph HABIGER	5	
	3	Andreas OTTO	X box if continued on page 2	

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INVENTION TITLE	CONTACT PIN FOR PRESSING INTO A PRINTED CIRCUIT BOARD AND CONTACT ARRANGEMENT
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INVENTOR

DATE SIGNED

WITNESS

Name: Hermann EICHER		
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Name: Ralph HABIGER		
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Name: Andreas OTTO	12.02.2020	Bernd Jahnke
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NONPROVISIONAL PATENT ASSIGNMENT – continued -

Assignee Reference No.	RBO180801PUS-6/MV 20550-0264
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INVENTION TITLE	CONTACT PIN FOR PRESSING INTO A PRINTED CIRCUIT BOARD AND CONTACT ARRANGEMENT
--------------------	--

INVENTOR

DATE SIGNED

WITNESS

See attached Substitute Statement

Name: Cynthia HALM		
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY
OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)**

Title of Invention	CONTACT PIN FOR PRESSING INTO A PRINTED CIRCUIT BOARD AND CONTACT ARRANGEMENT		
This statement is directed to:			
<input type="checkbox"/> The attached application,			
OR			
<input checked="" type="checkbox"/> United States application or PCT international application number <u>16639672</u> filed on <u>Feb 17, 2020</u>			
LEGAL NAME of inventor to whom this substitute statement applies:			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)			
Cynthia HALM			
Residence (except for a deceased or legally incapacitated inventor):			
City	Eisenach	State	Country DE
Mailing Address (except for a deceased or legally incapacitated inventor):			
Sophienstrasse 9			
City	Eisenach	State	Zip 99817 Country DE
I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application.			
The above-identified application was made or authorized to be made by me.			
I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
Relationship to the inventor to whom this substitute statement applies:			
<input type="checkbox"/> Legal Representative (for deceased or legally incapacitated inventor only),			
<input checked="" type="checkbox"/> Assignee,			
<input checked="" type="checkbox"/> Person to whom the inventor is under an obligation to assign,			
<input type="checkbox"/> Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or			
<input type="checkbox"/> Joint Inventor.			

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

SUBSTITUTE STATEMENT

Circumstances permitting execution of this substitute statement:

- ☐ Inventor is deceased,
- ☐ Inventor is under legal incapacity,
- ☐ Inventor cannot be found or reached after diligent effort, or
- ☒ Inventor has refused to execute the oath or declaration under 37 CFR 1.63.

If there are joint inventors, please check the appropriate box below:

- ☒ An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted.

OR

- ☐ An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1.64(b).

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

PERSON EXECUTING THIS SUBSTITUTE STATEMENT:

Name: **ppa. Joachim Bee** **ppa. Peter Möldner** Date (Optional): 18th February, 2020

Signature:  

APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:

If the applicant is a juristic entity, list the applicant name and the title of the signer:

Robert Bosch GmbH

Applicant Name:

Title of Person Executing
This Substitute Statement: **authorized corporate officer**

The signer, whose title is supplied above, is authorized to act on behalf of the applicant.

Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):

City **Stuttgart** State Country **Germany**

Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)

City State Zip Country

Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after diligent effort, or has refused to execute the oath or declaration under 37 CFR 1.63.

[Page 2 of 2]

PATENT**RECORDED: 02/26/2020****REEL: 051934 FRAME: 0870**