

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6884281

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LUTZ FRIEDRICHSEN	07/14/2021
CHRISTOPH BAUSCH	06/15/2021
JULIA OTTE	06/15/2021
KAI SCHROEDER	06/15/2021
JOHANNES MEISSNER	06/14/2021
CHRISTIAN RUEMLER	06/15/2021
ALBERT ZACHARIAS	06/29/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EATON INTELLIGENT POWER LIMITED
<b>Street Address:</b>	30 PEMBROKE ROAD
<b>City:</b>	DUBLIN 4
<b>State/Country:</b>	IRELAND
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17413959
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)616-5700
<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>	
<b>Phone:</b>	3126165600
<b>Email:</b>	assignments@leydig.com
<b>Correspondent Name:</b>	LEYDIG, VOIT & MAYER, LTD.
<b>Address Line 1:</b>	TWO PRUDENTIAL PLAZA, SUITE 4900
<b>Address Line 2:</b>	180 NORTH STETSON AVENUE
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 606016731
<b>ATTORNEY DOCKET NUMBER:</b>	818321
<b>NAME OF SUBMITTER:</b>	ERIK R. SWANSON
<b>SIGNATURE:</b>	/Erik R. Swanson/
<b>DATE SIGNED:</b>	08/26/2021

**Total Attachments: 18**

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source=818321\_executed\_Assignment\_#page16.tif  
source=818321\_executed\_Assignment\_#page17.tif  
source=818321\_executed\_Assignment\_#page18.tif

**ASSIGNMENT**



I, Lutz Friedrichsen, having an address at ~~Im Schabigfeld 1, 52259 Dueren;~~  
GERMANY; and Pierer Str.24 52379 Langerwehe

I, Christoph Bausch, having an address at Helmholtzstrasse 40; 53123 Bonn;  
GERMANY; and

I, Julia Otte, having an address at Am Krausbaum 22; 51147 Cologne;  
GERMANY; and

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GERMANY; and

I, Johannes Meissner, having an address at Naheweg 2; 53129 Bonn;  
GERMANY; and

I, Christian Ruempler, having an address at Hubertusstrasse 4; 53125 Bonn;  
GERMANY; and

I, Albert Zacharias, having an address at Rembrandtstrasse 18; 56566 Neuwied;  
GERMANY

and each of us, if more than one person is identified above, have invented and have owned or do own a whole or partial right, title and interest in a certain invention entitled:

**SWITCHING DEVICE FOR GUIDING AND SWITCHING OF LOAD CURRENTS**

for which invention International Application No. PCT/EP2019/085247 was filed on December 16, 2019, designating the U.S. and

**WHEREAS,**

Eaton Intelligent Power Limited

having an address at 30 Pembroke Road, Dublin 4; IRELAND

hereinafter referred to as Assignee, was and/or is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the above patent application.

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has assigned or hereby does assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns my/our full and exclusive rights in and to the invention in the U.S. and every foreign country and my/our entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and I/we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

**UPON SAID CONSIDERATION**, I/we have conveyed or hereby do convey to the Assignee the right to make application in its own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the U.S. application (or any other application on the invention) to gain priority with respect to other applications.

**I/WE DO HEREBY COVENANT** and agree with the Assignee that I/we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that I/we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood

that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

Date 14.07.2021 \_\_\_\_\_ C. Friedrich \_\_\_\_\_  
Lutz Friedrichsen, Inventor

Date \_\_\_\_\_ \_\_\_\_\_  
Christoph Bausch, Inventor

Date \_\_\_\_\_ \_\_\_\_\_  
Julia Otte, Inventor

Date \_\_\_\_\_ \_\_\_\_\_  
Kai Schroeder, Inventor

Date \_\_\_\_\_ \_\_\_\_\_  
Johannes Meissner, Inventor

Date \_\_\_\_\_ \_\_\_\_\_  
Christian Ruempler, Inventor

Date \_\_\_\_\_ \_\_\_\_\_  
Albert Zacharias, Inventor

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Date \_\_\_\_\_

\_\_\_\_\_  
Lutz Friedrichsen, Inventor

Date 15.6.2021



\_\_\_\_\_  
Christoph Bausch, Inventor

Date \_\_\_\_\_

\_\_\_\_\_  
Julia Otte, Inventor

Date 15.6.21



\_\_\_\_\_  
Kai Schroeder, Inventor

Date \_\_\_\_\_

\_\_\_\_\_  
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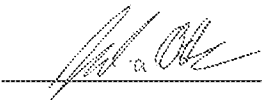
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Lutz Friedrichsen, Inventor

Date \_\_\_\_\_  
Christoph Bausch, Inventor

Date 6/15/2021 \_\_\_\_\_  
  
Julia Otte, Inventor

Date \_\_\_\_\_  
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Date \_\_\_\_\_  
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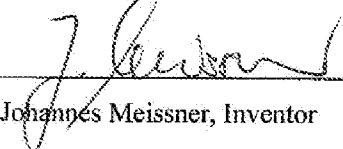
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Lutz Friedrichsen, Inventor

Date \_\_\_\_\_  
Christoph Bausch, Inventor

Date \_\_\_\_\_  
Julia Otte, Inventor

Date \_\_\_\_\_  
Kai Schroeder, Inventor

Date 14.06.2021  
  
Johannes Meissner, Inventor

Date \_\_\_\_\_  
Christian Ruempler, Inventor

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Albert Zacharias, Inventor

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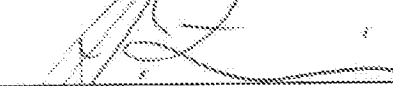
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