

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT7406445

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ASSIGNEE NAME FROM FRAUNHOFER-GESELLSCHAFT TO FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. previously recorded on Reel 049614 Frame 0199. Assignor(s) hereby confirms the ASSIGNMENT OF PATENT RIGHTS.

**CONVEYING PARTY DATA**

Name	Execution Date
KLAUS-DIETER LANG	06/20/2019
IVAN NDIP	06/20/2019

**RECEIVING PARTY DATA**

<b>Name:</b>	FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
<b>Street Address:</b>	HANSASTR. 27 C
<b>City:</b>	MUNICH
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	D-80686

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Patent Number:</b>	11330699

**CORRESPONDENCE DATA**

**Fax Number:** (949)760-9502

*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.*

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**Email:** efilings@knobbe.com

**Correspondent Name:** KNOBBE, MARTENS, OLSON & BEAR, LLP

**Address Line 1:** 2040 MAIN STREET

**Address Line 2:** 14TH FLOOR

**Address Line 4:** IRVINE, CALIFORNIA 92614

<b>ATTORNEY DOCKET NUMBER:</b>	SDSUF.008NP
<b>NAME OF SUBMITTER:</b>	JASON JARDINE
<b>SIGNATURE:</b>	/ Jason Jardine /
<b>DATE SIGNED:</b>	06/28/2022

**Total Attachments: 4**

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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT5594986

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KLAUS-DIETER LANG	06/20/2019
IVAN NDIP	06/20/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FRAUNHOFER-GESELLSCHAFT
<b>Street Address:</b>	HANSASTR 27 C
<b>City:</b>	MUNICH
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	D-80686
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16467895
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(949)760-9502
<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>	8587074000
<b>Email:</b>	efiling@Knobbe.com
<b>Correspondent Name:</b>	KNOBBE, MARTENS, OLSON & BEAR LLP
<b>Address Line 1:</b>	2040 MAIN STREET
<b>Address Line 2:</b>	14TH FLOOR
<b>Address Line 4:</b>	IRVINE, CALIFORNIA 92614
<b>ATTORNEY DOCKET NUMBER:</b>	SDSUF.008NP
<b>NAME OF SUBMITTER:</b>	JASON JARDINE
<b>SIGNATURE:</b>	/ Jason Jardine /
<b>DATE SIGNED:</b>	06/27/2019
<b>Total Attachments: 3</b>	
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ASSIGNMENT OF PATENT RIGHTS

SDSURF Case No. Engin A 3

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

Lang, Klaus-Dieter, residing in Berlin (DE), and  
Ndip, Ivan, residing in Berlin (DE),

Fraunhofer-Gesellschaft zur Foerderung der  
angewandten Forschung e.V.

hereby sells, assigns, sets over, and transfers to ASSIGNEE, ~~Fraunhofer-Gesellschaft~~, a Corporation in Germany, having a business address at Hansastr. 27 c, D-80686 Munich, and the successors, assigns and legal representatives of the ASSIGNEE all of its right (both patent and otherwise), title and interest for the United States and its territorial possessions and in all foreign countries, in and to the invention and any and all improvements which are disclosed in the invention entitled:

**NON-OVERLAPPING POWER/GROUND PLANES FOR LOCALIZED POWER DISTRIBUTION NETWORK DESIGN**

and set forth in an application for Letters Patent of the United States, which is a utility patent application bearing Patent Cooperation Treaty Patent Application No. PCT/US2017/066542, having filing date December 14, 2017,

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained, application for Letters Patent, provisional and non-provisional applications, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted by the above application(s) claiming the benefit of said invention or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property, the same to be held and enjoyed by the said ASSIGNEE, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR(S), had this sale and assignment not been made;

ASSIGNOR(S) hereby agrees that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and the ASSIGNOR(S) hereby covenant and agree that at the time of execution and delivery of these presents, the said ASSIGNOR(S) are the lawful owners of the rights and interests being conveyed in and to the said inventions and the application for Letters Patent above-mentioned; and that the same is unencumbered and that the said ASSIGNOR(S) have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

ASSIGNOR(S) further agrees that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference, post grant review, inter partes review, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments, or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention, and said Letters Patent, and said equivalents thereof which may be necessary or

*Ivan Ndip*  
Ivan Ndip  
15 June 2022

*Klaus-Dieter Lang*  
Klaus-Dieter Lang  
15 June 2022

*Dr. Werner Liebler*  
Dr. Werner Liebler  
23 May 2022

*Ivan Ndip*  
Ivan Ndip  
15. June 2022

DATE 20.06.2019

*Klaus-Dieter Lang*  
Lang, Klaus-Dieter

DATE 20.06.19

*Ivan Ndip*  
Ndip, Ivan

*Klaus-Dieter Lang*  
Klaus-Dieter Lang  
15. June 2022

Assignee hereby accepts this Assignment:

For: ~~FRAUNHOFER GESELLSCHAFT~~

Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.

*Werner Liebler*

*Werner Liebler*  
Dr. Werner Liebler  
23. May 2022

Name and Title:

\_\_\_\_\_  
Fraunhofer-Gesellschaft  
\_\_\_\_\_  
\_\_\_\_\_

**Dr. Werner Liebler**  
Head of Patents and Licensing  
Fraunhofer-Gesellschaft zur Förderung  
der angewandten Forschung e.V.

DATE: 24. June 2019