## 506281090 09/30/2020

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
HANS-HERMANN OPPERMANN	09/18/2020
TOLGA TEKIN	09/17/2020
JÖRG STOCKMEYER	09/21/2020
JULIANE FRÖHLICH	09/18/2020

### **RECEIVING PARTY DATA**

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State/Country:	GERMANY

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16947029

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	3037.198US1
NAME OF SUBMITTER:	KIMBERLIE PATES
SIGNATURE:	/Kimberlie Pates/
DATE SIGNED:	09/30/2020

#### **Total Attachments: 7**

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# RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 3037.198US1 Patent and Trademark Office To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: Fraunhofer-Gesellschaft zur Förderung der Hans-Hermann Oppermann, Tolga Tekin, Jörg angewandten Forschung e.V. Stockmeyer, Juliane Fröhlich Street Address: Hansastraße 27c Additional name(s) of conveying party(ies) attached? City: München, 80686 [ ]Yes [X]No Country: Germany 3. Nature of conveyance: Additional name(s) & address(es) attached? [ ]Yes [X]No [X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other Execution Date: September 18, 2020, September 17, 2020, September 21, 2020, September 18, 2020 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Serial No. 16/947,029 Additional numbers attached? [ ]Yes [X]No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence 7. Total fee (37 CFR 3.41):\$ 0.00 concerning document should be mailed: Name: Jerome M. Sundin []Enclosed []Authorized to be charged to deposit account Address: 19-0743 Schwegman Lundberg & Woessner, P.A. P.O. Box 2938 8. Please charge any additional fees or credit any over Minneapolis, Minnesota 55402 payments to our Deposit Account No.: 19-0743 DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. 09/30/2020 Jerome M. Sundin/Reg. No. 78,632 Name of Person Signing Date Total number of pages including cover sheet: 7

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks

Mail Stop Assignment Recordation Services

P.O. Box 1450

Alexandria, VA 22313-1450

#### **ASSIGNMENT**

WHEREAS, Hans-Hermann Oppermann, Tolga Tekin, Jörg Stockmeyer and Juliane Fröhlich (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "invention"); as described in the patent application filed on July 15, 2020, assigned US application serial number 16/947,029, and titled ASSEMBLY COMPRISING A SUBSTRATE AND TWO COMPONENTS INCLUDING OPTICAL WAVEGUIDES, AS WELL AS METHOD FOR PRODUCTION and as described in a patent application filed on July 19, 2019 assigned German application serial number 10 2019 210 750.8, and titled \*.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. (the "Assignee"), having a piace of business at Hansastraße 27c, München 80686, Germany, the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the invention which is disclosed in the above-identified application or applications;

such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filled in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such Invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such Invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such invention to the Assignee,

AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 21186 may (directly or through his/her designee) delete, insert, or alter any

information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the invention and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such Invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Invention;

COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED as of the date of my signature below:

Assignment

Docket No. 3637.198US1

Client Ref. No. 207P 2011 GO/CG

Assignors: Hans-Hermann Oppermann et al.

Client Ref. No. 2079 2011 GO/
Title: ASSEMBLY COMPRISING A SUBSTRATE AND TWO COMPONENTS INCLUDING OPTICAL WAVEGUIDES, AS WELL AS METHOD FOR PRODUCTION

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Assignor:

(Signature):

Name: HansiHermann Oppermann City/State or Country: Berlin, Germany

Date:

Assignment
Assignment
Assignors: Hans-Hermann Oppermann et al.
Client Ref. No. 2079 2011 GO/CG
Title: ASSEMBLY COMPRISING A SUBSTRATE AND TWO COMPONENTS INCLUDING OPTICAL WAVEGUIDES, AS WELL AS METHOD FOR PRODUCTION

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Assignor:

(Signature):

Name: Tolga Tekin

City/State oc. Country: Berlin, Germany

Date:

Assignment

Docket No: 3037,198US1 Client Ref. No. 207P 2011 GO/CG

Assignors: Hans-Hermann Opportuant et al. Tide: ASSEMBLY COMPRISING A SUBSTRATE AND TWO COMPONENTS INCLUDING OPTICAL WAVEGUIDES, AS WELL AS METHOD FOR PRODUCTION

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Assignor:

(Signature):

Name: Jörg Stockmeyer

City/State or Country: Berlin, Germany

Date:

21.05.20

Assignors: Hans-Hermann Oppermann et al.

Client Ref. No. 207P 2011 GO/
Title: ASSEMBLY COMPRISING A SUBSTRATE AND TWO COMPONENTS INCLUDING OFFICAL WAVEGUIDES, AS WELL AS
METHOD FOR PRODUCTION Client Ref. No. 207P 2011 GO/CG

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Assignor:

(Signature):

RECORDED: 09/30/2020

Name: Juliane Fröhlich

1-09-20

City/State or Country: Berlin, Germany

Date:

Docket No. 3037, 198US1