506749371 07/02/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6796187

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------------|----------------|
| RENATE EVA KLEMENTINE LANDIG | 04/24/2021 |
| JONATHAN ROBERT PETERSON | 04/22/2021 |
| MAIK ANDRE SCHELLER | 04/21/2021 |
| CHRISTOPHER YUAN TING LIAO | 04/21/2021 |
| ANDREW JOHN OUDERKIRK | 04/21/2021 |
| DANIELE PIAZZA | 04/21/2021 |
| YIGIT MENGUC | 04/22/2021 |
| TIANSHU LIU | 04/21/2021 |

RECEIVING PARTY DATA

| Name: | FACEBOOK, INC. |
|-----------------|------------------|
| Street Address: | 1601 WILLOW ROAD |
| City: | MENLO PARK |
| State/Country: | CALIFORNIA |
| Postal Code: | 94025 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 17123674 |

CORRESPONDENCE DATA

Fax Number: (866)259-6138

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.

Phone: 8019803399

Email: fb-docketing@fisherbroyles.com, Doreen.Shelton@fisherbroyles.com,

docketing.fb@clarivate.com

Correspondent Name: FISHERBROYLES, LLP

Address Line 1: 222 S. MAIN STREET, 5TH FLOOR
Address Line 4: SALT LAKE CITY, UTAH 84101

| ATTORNEY DOCKET NUMBER: | 007726.2097U1 |
|-------------------------|-------------------|
| NAME OF SUBMITTER: | MICHAEL RUSSELL |
| SIGNATURE: | /Michael Russell/ |

PATENT 506749371 REEL: 056748 FRAME: 0447

| DATE SIGNED: | 07/02/2021 |
|---|------------|
| Total Attachments: 3 | |
| source=2097U1_Assign_Dec (Facebook, Inc.)#page1.tif | |
| source=2097U1_Assign_Dec (Facebook, Inc.)#page2.tif | |
| source=2097U1 Assign Dec (Facebook, Inc.)#page3.tif | |

PATENT REEL: 056748 FRAME: 0448

COMBINED ASSIGNMENT/DECLARATION (37 CFR 1.63)

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to Facebook, Inc., a Delaware Corporation, having a place of business at 1601 Willow Road, Menlo Park, California 94025 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional application filed under 35 U.S.C. § 111(b), non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):

Application No. 17/123,674, entitled "HIGH VOLTAGE OPTICAL TRANSFORMER INTEGRATION" filed on 16 December 2020, which claims priority from a provisional application, filed on 29 September 2020, now bearing U.S. Application No. 63/084,592.

- 2. The entire worldwide right, title, and interest in and to:
- (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

PATENT REEL: 056748 FRAME: 0449 Title: HIGH VOLTAGE OPTICAL TRANSFORMER INTEGRATION

Date Filed: 16 December 2020 Application No.: 17/123,674

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

By signing below, INVENTOR further attests to the following:

- The APPLICATION was made or authorized to be made by INVENTOR.
- INVENTOR believes that INVENTOR is the original inventor or an original joint inventor of a claimed invention in the APPLICATION.
- INVENTOR acknowledges the duty to disclose to the United States Patent and Trademark Office all information known to INVENTOR to be material to patentability as defined in 37 CFR § 1.56, which for a continuation-in-part includes information known to INVENTOR to be material to patentability as defined in 37 CFR § 1.56 that became available between the filing date of the prior patent application and the National or PCT filing date of the continuation-in-part application.

INVENTOR hereby acknowledges 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.

| Name and Signature | Date of Signature |
|--|-------------------|
| Renate Landig Renate Landig (Apr 24, 2021 22: 16 PDT) | Apr 24, 2021 |
| Renate Eva Klementine Landig | |
| Name and Signature | Date of Signature |
| JR_ | Apr 22, 2021 |
| Jonathan Robert Peterson | |
| Name and Signature | Date of Signature |
| Maik Scheller Maik Scheller (Apr 23, 2923, 18132 POT) | Apr 21, 2021 |
| Maik Andre Scheller | |
| Name and Signature | Date of Signature |
| Christopher Liso Christopher Liso Christopher Liso (b. 22, 2022, 15.43 PD 1) | Apr 21, 2021 |
| Christopher Yuan Ting Liao | |

PATENT REEL: 056748 FRAME: 0450

Attorney Docket No.: 007726.2097U1

Title: HIGH VOLTAGE OPTICAL TRANSFORMER INTEGRATION

Date Filed: 16 December 2020 Application No.: 17/123,674

| Name and Signature | Date of Signature |
|--|-------------------|
| Andrew John Ouderhirk Andrew John Ouderkirk (Apr 21, 2023 18:43 PGX) | Apr 21, 2021 |
| Andrew John Ouderkirk | |
| Name and Signature | Date of Signature |
| Oardele Plazze (Apr. 21, 2021 37:58 POY) | Apr 21, 2021 |
| Daniele Piazza | |
| Name and Signature | Date of Signature |
| Yigit Mengus (Apr 22, 2021 02.31 FOT) | Apr 22, 2021 |
| Yigit Menguc | |
| Name and Signature | Date of Signature |
| Tianshu Liu Tianshu Liu (Apr 21, 2021 20:20 PDT) | Apr 21, 2021 |

Tianshu Liu

Attorney Docket No.: 007726.2097U1 3 **PATENT REEL: 056748 FRAME: 0451 RECORDED: 07/02/2021**