

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5722453

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the CORRECTIVE ASSIGNMENT TO CORRECT RECEIVING PARTY FROM FACEBOOK, INC. TO FACEBOOK TECHNOLOGIES, LLC. previously recorded on Reel 048779 Frame 0434. Assignor(s) hereby confirms the COMBINED ASSIGNMENT/DECLARATION (37 CFR 1.63).

CONVEYING PARTY DATA

Name	Execution Date
AFSOON JAMALI	04/08/2019
WAI SZE TIFFANY LAM	04/08/2019
BRIAN WHEELWRIGHT	04/17/2019
LU LU	04/17/2019
DOUGLAS LANMAN	04/17/2019

RECEIVING PARTY DATA

Name:	FACEBOOK TECHNOLOGIES, LLC
Street Address:	1601 WILLOW ROAD
City:	MENLO PARK
State/Country:	CALIFORNIA
Postal Code:	94025

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16355612

CORRESPONDENCE DATA**Fax Number:**

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: 650-843-4000
Email: eveline.schmid@morganlewis.com,
Correspondent Name: MORGAN LEWIS & BOCKIUS LLP
Address Line 1: 1400 PAGE MILL ROAD
Address Line 4: PALO ALTO, CALIFORNIA 94304

ATTORNEY DOCKET NUMBER:	010235-01-5273-US
NAME OF SUBMITTER:	ANDREW J. GRAY IV
SIGNATURE:	/ Andrew J. Gray IV /
DATE SIGNED:	09/17/2019

Total Attachments: 5

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5455353

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AFSOON JAMALI	04/02/2019
WAI SZE TIFFANY LAM	04/02/2019
BRIAN WHEELWRIGHT	04/02/2019
LU LU	04/02/2019
DOUGLAS LANMAN	04/02/2019
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:	16355612
CORRESPONDENCE DATA	
Fax Number:	
<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:	650-843-4000
Email:	eveline.schmid@morganlewis.com
Correspondent Name:	MORGAN, LEWIS & BOCKIUS LLP (PA)(FACEBOO
Address Line 1:	1400 PAGE MILL ROAD
Address Line 4:	PALO ALTO, CALIFORNIA 94304-1124
ATTORNEY DOCKET NUMBER:	010235-01-5273-US
NAME OF SUBMITTER:	ANDREW J. GRAY IV
SIGNATURE:	/ Andrew J. Gray IV /
DATE SIGNED:	04/03/2019
Total Attachments: 3	
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PATENT
REEL: 048779 FRAME: 0435
REEL: 051789 FRAME: 0800

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 TECHNOLOGIES, LLC**, 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. **16/355,612**, entitled "**Display Device with Varifocal Optical Assembly**," filed on **March 15, 2019**.

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.

Title:	Display Device with Varifocal Optical Assembly
Date Filed:	March 15, 2019
Application No.:	16/355,612


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 _____

Afsoon Jamali (Apr 8, 2019)
AFSOON JAMALI

Date of Signature _____
Apr 8, 2019

Name and Signature _____

Wai Sze Tiffany Lam (Apr 8, 2019)
WAI SZE TIFFANY LAM

Date of Signature _____
Apr 8, 2019

Name and Signature _____

Brian Wheelwright (Apr 17, 2019)
BRIAN WHEELWRIGHT

Date of Signature _____
Apr 17, 2019

Title:	Display Device with Varifocal Optical Assembly
Date Filed:	March 15, 2019
Application No.:	16/355,612

Name and Signature

LU LU
Lu Lu (Apr 17, 2019)

LU LU

Date of Signature

Apr 17, 2019

Name and Signature


Douglas Lanman (Apr 17, 2019)

DOUGLAS LANMAN

Date of Signature

Apr 17, 2019