

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BABACK ELMIEH	01/31/2020
JOYCE HSU	01/03/2019
SCOTT SNIBBE	01/03/2019
ANGELA CHANG	01/03/2019
REX CROSSEN	01/10/2019
ALEXANDRE JAIS	02/01/2020
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:	16236323
CORRESPONDENCE DATA	
Fax Number:	(214)953-6503
<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:	214-953-6500
Email:	ptomail1@bakerbotts.com
Correspondent Name:	BAKER BOTTS L.L.P.
Address Line 1:	2001 ROSS AVENUE
Address Line 2:	SUITE 900
Address Line 4:	DALLAS, TEXAS 75201
ATTORNEY DOCKET NUMBER:	079894.6186
NAME OF SUBMITTER:	LY-ANN EE
SIGNATURE:	/Ly-Ann Ee/
DATE SIGNED:	02/21/2020
This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT

Total Attachments: 5

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COMBINED ASSIGNMENT AND DECLARATION (37 C.F.R. § 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 and to all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional patent application filed under 35 U.S.C. § 111(b), non-provisional patent application filed under 35 U.S.C. § 111(a), international patent application filed according to the Patent Cooperation Treaty (PCT), or U.S. national-phase patent application filed under 35 U.S.C. § 371 ("APPLICATION"):

Application No. **16/236,323**, entitled "**USER DETECTION FOR PROJECTION-BASED AUGMENTED REALITY SYSTEM**" filed on **28 December 2018**.

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

Title: **USER DETECTION FOR PROJECTION-BASED AUGMENTED REALITY SYSTEM**
Date Filed: **28 December 2018**
Application No.: **16/236,323**

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.

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 C.F.R. § 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 C.F.R. § 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, imprisonment of not more than five years, or both.

Name and Signature

Baback Elmieh
Baback Elmieh (Jan 31, 2020)

Baback Elmieh

Date of Signature

Jan 31, 2020

Name and Signature

Joyce Hsu

Date of Signature

Name and Signature

Scott Snibbe

Date of Signature

Title: **USER DETECTION FOR PROJECTION-BASED AUGMENTED REALITY
SYSTEM**
Date Filed: **28 December 2018**
Application No.: **16/236,323**

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Name and Signature _____

Date of Signature _____

Baback Elmieh

Name and Signature _____

Date of Signature _____

Joyce Hsu
Joyce Hsu (Jan 3, 2019)

Jan 3, 2019

Joyce Hsu

Name and Signature _____

Date of Signature _____

Scott Snibbe

Jan 3, 2019

Scott Snibbe

Title: **USER DETECTION FOR PROJECTION-BASED AUGMENTED REALITY
SYSTEM**
Date Filed: **28 December 2018**
Application No.: **16/236,323**

Name and Signature

Date of Signature

Amir Mesguich Havilio

Name and Signature

Date of Signature

Angela Chang

Angela Chang (Jan 3, 2019)

Angela Chang

Jan 3, 2019

Name and Signature

Date of Signature

Alexandre Jais

Name and Signature

Date of Signature

Rex Crossen

Rex Crossen (Jan 10, 2019)

Rex Crossen

Jan 10, 2019

Title: **USER DETECTION FOR PROJECTION-BASED AUGMENTED REALITY
SYSTEM**
Date Filed: **28 December 2018**
Application No.: **16/236,323**

Name and Signature

Date of Signature

Amir Mesguich Havilio

Name and Signature

Date of Signature

Angela Chang

Name and Signature

Date of Signature

Alexandre Jais
Alexandre Jais (Feb 1, 2020)

Feb 1, 2020

Alexandre Jais

Name and Signature

Date of Signature

Rex Crossen