503770079 04/05/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3816723

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FLORIN RATIU	03/28/2016
ANDREW ALEXANDER BIRCHALL	12/09/2015
DAVID S. PARK	11/26/2015
ALEKSANDAR ILIC	03/23/2016
NATHAN PAUL SCHLOSS	11/25/2015
VASANTH KUMAR RAJENDRAN	12/03/2015
YIYU LI	03/24/2016
BRANISLAV STOJKOVIC	03/23/2016
PATRICK JONATHAN VARIN	11/24/2015

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:	14923330

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.

Email: PTOmail1@bakerbotts.com
Correspondent Name: BAKER BOTTS L.L.P.

Address Line 1: 2001 ROSS AVENUE. 6TH FLOOR

Address Line 4: DALLAS, TEXAS 75201

ATTORNEY DOCKET NUMBER:	079894.2820
NAME OF SUBMITTER:	LY-ANN EE
SIGNATURE:	/Ly-Ann Ee/

PATENT REEL: 038198 FRAME: 0413

503770079

This document serves as an Oath/Declaration (37 CFR 1.63). I Attachments: 9 ce=2016-04-05_Executed-AssignmentDeclaration-All-Inventors_079894_2820#page1.tif ce=2016-04-05_Executed-AssignmentDeclaration-All-Inventors_079894_2820#page2.tif ce=2016-04-05_Executed-AssignmentDeclaration-All-Inventors_079894_2820#page3.tif ce=2016-04-05_Executed-AssignmentDeclaration-All-Inventors_079894_2820#page4.tif ce=2016-04-05_Executed-AssignmentDeclaration-All-Inventors_079894_2820#page5.tif ce=2016-04-05_Executed-AssignmentDeclaration-All-Inventors_079894_2820#page6.tif	
ce=2016-04-05_Executed-AssignmentDeclaration-All-Inventors_079894_2820#page1.tif ce=2016-04-05_Executed-AssignmentDeclaration-All-Inventors_079894_2820#page2.tif ce=2016-04-05_Executed-AssignmentDeclaration-All-Inventors_079894_2820#page3.tif ce=2016-04-05_Executed-AssignmentDeclaration-All-Inventors_079894_2820#page4.tif ce=2016-04-05_Executed-AssignmentDeclaration-All-Inventors_079894_2820#page5.tif	
ce=2016-04-05_Executed-AssignmentDeclaration-All-Inventors_079894_2820#page2.tif ce=2016-04-05_Executed-AssignmentDeclaration-All-Inventors_079894_2820#page3.tif ce=2016-04-05_Executed-AssignmentDeclaration-All-Inventors_079894_2820#page4.tif ce=2016-04-05_Executed-AssignmentDeclaration-All-Inventors_079894_2820#page5.tif	
ce=2016-04-05_Executed-AssignmentDeclaration-All-Inventors_079894_2820#page3.tif ce=2016-04-05_Executed-AssignmentDeclaration-All-Inventors_079894_2820#page4.tif ce=2016-04-05_Executed-AssignmentDeclaration-All-Inventors_079894_2820#page5.tif	
ce=2016-04-05_Executed-AssignmentDeclaration-All-Inventors_079894_2820#page4.tifce=2016-04-05_Executed-AssignmentDeclaration-All-Inventors_079894_2820#page5.tif	
ce=2016-04-05_Executed-AssignmentDeclaration-All-Inventors_079894_2820#page5.tif	
ce=2016-04-05 Executed-AssignmentDeclaration-All-Inventors 079894 2820#page6.tif	
source=2016-04-05_Executed-AssignmentDeclaration-All-Inventors_079894_2820#page7.tif	
source=2016-04-05_Executed-AssignmentDeclaration-All-Inventors_079894_2820#page8.tif	
source=2016-04-05_Executed-AssignmentDeclaration-All-Inventors_079894_2820#page9.tif	

PATENT REEL: 038198 FRAME: 0414

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 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. 14/923,330, entitled "Notification Targeting" filed on 26 October 2015.

2. The entire worldwide right, title, and interest in and to: (a) the APPLICATION; (b) all patent applications claiming priority from the APPLICATION; (c) 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; (d) all patents (including reissues and re-examinations) which may be granted on the patent 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 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.

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.

Notification Targeting

Date Filed:
Application No.:

26 October 2015

No.: 14/923,330

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	Date of Signature
Reduce	3/28/2016
Florin RATIU	
Name and Signature	Date of Signature
Andrew Alexander BIRCHALL	
Name and Signature	Date of Signature
David S. PARK	
Name and Signature	Date of Signature
Aleksandar ILIC	

Page 2 of 3

Notification Targeting

Date Filed: Application No.:

Attorney Docket No.: 079894.2820

26 October 2015 14/923,330

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	Date of Signature
Florin RATIU	***
Name and Signature	Date of Signature
andrew Rinchall	12/09/2015
Andrew Alexander BIRCHALL	
Name and Signature	Date of Signature
David S. PARK	*
Name and Signature	Date of Signature
Aleksandar ILIC	

Notification Targeting

Date Filed: Application No.: 26 October 2015 14/923,330

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	Date of Signature
Florin RATIU	
Name and Signature	Date of Signature
Andrew Alexander BIRCHALL	
Name and Signature	Date of Signature
Boxw/mbc	November 26, 2015
David S. PARK	
Name and Signature	Date of Signature
Aleksandar ILIC	

Page 2 of 3

Attorney Docket No.: 079894.2820

REEL: 038198 FRAME: 0418

Title: Date Filed: Notification Targeting 26 October 2015

Application No.:

14/923.330

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	Date of Signature
Florin RATIU	
Name and Signature	Date of Signature
Andrew Alexander BIRCHALL	
Name and Signature	Date of Signature
David S. PARK	·····
Name and Signature	Date of Signature
Arucauy Junt Aleksandar IHV	03/23/2016

Attorney Docket No.: 079894.2820

Page 2 of 3

PATEN 1 vs 21276318.1

REEL: 038198 FRAME: 0419

Title: Date Filed: Notification Targeting 26 October 2015

Application No.:

14/923,330

Name and Signature	Date of Signature
Os selver	11/25/15
Nathan Paul SCHLOSS	
Name and Signature	Date of Signature
Vasanth Kumar RAJENDRAN	
Name and Signature	Date of Signature
Yiyu LI	;
Name and Signature	Date of Signature
Patrick Jonathan VARIN	
Name and Signature	Date of Signature
Branislav STOJKOVIC	

Attorney Docket No.: 079894.2820

Notification Targeting 26 October 2015

Date Filed:

Application No.:

14/923,330

Name and Signature	Date of Signature		
Nathan Paul SCHLOSS	· · · · · · · · · · · · · · · · · · ·		
Name and Signature	Date of Signature		
1 425-1-1-	3rd December 2015		
Vasanth Kumar RAJENDRAN			
Name and Signature	Date of Signature		
Yiyu LI			
Name and Signature	Date of Signature		
Patrick Jonathan VARIN			
Name and Signature	Date of Signature		
Rraniclav STOIKOVIC			

Title:		
Date	Filed:	

Notification Targeting 26 October 2015

			· ·	
A	laaz	ica	tion	No.:

14/923,330

Name and Signature	Date of Signature		
Nathan Paul SCHLOSS			
Name and Signature	Date of Signature		
Vasanth Kumar RAJENDRAN			
Name and Signature Yiyu LI	Date of Signature 3/24/16		
Name and Signature	Date of Signature		
Patrick Jonathan VARIN			
Name and Signature	Date of Signature		
Branislav Sa O, IKOVIC	03 /23 /2016		

REEL: 038198 FRAME: 0422

Notification Targeting

Date Filed:

26 October 2015

Application No.: 14/923,330

Name and Signature	Date of Signature
Nathan Paul SCHLOSS	
Name and Signature	Date of Signature
Vasanth Kumar RAJENDRAN	
Name and Signature	Date of Signature
Yiyu LI	
Name and Signature	Date of Signature
Variat View	11/24/2015
Patrick Jonathan VARIN	
Name and Signature	Date of Signature
Branislav STOJKOVIC	

RECORDED: 04/05/2016