

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3211635

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TIMOTHY CAMERON RYAN	09/01/2014
JIALIYA HUANG	01/08/2015
PAUL HENRY BOOTH	08/18/2014
JONATHAN ANDREW MCKAY	01/30/2014
SEUNGWHAN MOON	01/28/2014
MARGARET-ANN JULIA SEGER	02/06/2014
AMON DARAN MILLNER	01/28/2014
PETER XIU DENG	08/11/2014
CHRISTOPHER JOHN MARRA	02/06/2014
SCOTT ANDREW THOMSON	02/06/2014
GREGORY MATTHEW MARRA	08/13/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FACEBOOK, INC.
<b>Street Address:</b>	1601 WILLOW ROAD
<b>City:</b>	MENLO PARK
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94025
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14090252
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(650)938-5200
<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>	
<b>Phone:</b>	6503357870
<b>Email:</b>	aeidinger@fenwick.com
<b>Correspondent Name:</b>	PAUL A. SMITH
<b>Address Line 1:</b>	FENWICK & WEST LLP
<b>Address Line 2:</b>	801 CALIFORNIA STREET
<b>Address Line 4:</b>	MOUNTAIN VIEW, CALIFORNIA 94041

PATENT

<b>ATTORNEY DOCKET NUMBER:</b>	26295-24861/US
<b>NAME OF SUBMITTER:</b>	PAUL A. SMITH, REG. NO. 64,121
<b>SIGNATURE:</b>	/Paul A. Smith/
<b>DATE SIGNED:</b>	02/04/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 9</b> source=24861_Combined_Assignment_Declaration_2015-01-12#page1.tif source=24861_Combined_Assignment_Declaration_2015-01-12#page2.tif source=24861_Combined_Assignment_Declaration_2015-01-12#page3.tif source=24861_Combined_Assignment_Declaration_2015-01-12#page4.tif source=24861_Combined_Assignment_Declaration_2015-01-12#page5.tif source=24861_Combined_Assignment_Declaration_2015-01-12#page6.tif source=24861_Combined_Assignment_Declaration_2015-01-12#page7.tif source=24861_Combined_Assignment_Declaration_2015-01-12#page8.tif source=24861_Combined_Assignment_Declaration_2015-01-12#page9.tif	

**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. 14/090,252, entitled "Identifying and Providing Physical Social Actions to a Social Networking System" filed on November 26, 2013, which claims priority from a provisional application, filed on November 27, 2012, now bearing U.S. Application No. 61/730,386.

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.

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 has reviewed and understands the contents of the APPLICATION, including the claims.

INVENTOR hereby acknowledges that any willful false statement made in this document is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Name and Signature



**Timothy Cameron Ryan**

Date of Signature

September 1, 2014

Name and Signature

**Jialiya Huang**

Date of Signature

Name and Signature

**Paul Henry Booth**

Date of Signature

Name and Signature

**Jonathan Andrew McKay**

Date of Signature

Title: Identifying and Providing Physical Social Actions to a Social Networking System  
Date Filed: November 26, 2013  
Application No.: 14/090,252

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Name and Signature

Date of Signature

Timothy Cameron Ryan

Name and Signature

Date of Signature

Jialiya Huang

1/8/2015

Name and Signature

Date of Signature

Paul Henry Booth

Name and Signature

Date of Signature

Jonathan Andrew McKay

Title: **Identifying and Providing Physical Social Actions to a Social Networking System**  
Date Filed: **November 26, 2013**  
Application No.: **14/090,252**

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<u>Name and Signature</u>	<u>Date of Signature</u>
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<u>Timothy Cameron Ryan</u>	<u></u>
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<u>Name and Signature</u>	<u>Date of Signature</u>
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<u>Jialiya Huang</u>	<u></u>
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<u>Name and Signature</u>	<u>Date of Signature</u>
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<u></u>	<u>8/18/2014</u>
<u>Paul Henry Booth</u>	

<u>Name and Signature</u>	<u>Date of Signature</u>
---------------------------	--------------------------

<u>Jonathan Andrew McKay</u>	<u></u>
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Title: Identifying and Providing Physical Social Actions to a Social Networking System  
Date Filed: November 26, 2013  
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Timothy Cameron Ryan

Name and Signature	Date of Signature
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Jialiya Huang

Name and Signature	Date of Signature
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Paul Henry Booth

Name and Signature	Date of Signature
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Jonathan Andrew McKay

01/30/14

Title: Identifying and Providing Physical Social Actions to a Social Networking System  
Date Filed: November 26, 2013  
Application No.: 14/090,252

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Name and Signature

Date of Signature

*Seungwhan Moon*  
Seungwhan Moon

*Jan 28, 2014*

Name and Signature

Date of Signature

Margaret-Ann Julia Seger

Name and Signature

Date of Signature

Amon Daran Millner

Name and Signature

Date of Signature

Peter Xiu Deng

Name and Signature

Date of Signature

Christopher John Marra

Name and Signature

Date of Signature

Scott Andrew Thomson

Name and Signature

Date of Signature

Gregory Matthew Marra



Title: Identifying and Providing Physical Social Actions to a Social Networking System  
Date Filed: November 26, 2013  
Application No.: 14/090,252

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Name and Signature

Date of Signature

Seungwhan Moon

Name and Signature

Date of Signature

  
Margaret Ann Julia Seger

6 February 2014

Name and Signature

Date of Signature

Amon Daran Millner


Name and Signature

Date of Signature

Peter Xiu Deng

Name and Signature

Date of Signature

  
Christopher John Marra

6 Feb 2014

Name and Signature

Date of Signature

  
Scott Andrew Thomson

6 Feb 2014

Name and Signature

Date of Signature

  
Gregory Matthew Marra

13 Aug 2014

Title: Identifying and Providing Physical Social Actions to a Social Networking System  
Date Filed: November 26, 2013  
Application No.: 14/090,252

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Name and Signature

Date of Signature

Seungwhan Moon

Name and Signature

Date of Signature

Margaret-Ann Julia Seger

Name and Signature

Date of Signature

Amon Daran Millner

1/28/14

Name and Signature

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Peter Xiu Deng

8/11/14

Name and Signature

Date of Signature

Christopher John Marra

Name and Signature

Date of Signature

Scott Andrew Thomson

Name and Signature

Date of Signature

Gregory Matthew Marra