

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3283435

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BHALCHANDRA SURESH AGASHE	12/04/2012
GIL SHKLARSKI	02/19/2013
CHRISTOPHER ALEXANDER STEIN	11/01/2012
NICKOLAY VLADIMIROV TCHERVENSKI	11/27/2012
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:	14668030
CORRESPONDENCE DATA	
Fax Number:	(650)838-4350
<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) 838-4300
Email:	crystalfong@perkinscoie.com
Correspondent Name:	PERKINS COIE LLP
Address Line 1:	P.O. BOX 1247
Address Line 4:	SEATTLE, WASHINGTON 98111-1247
ATTORNEY DOCKET NUMBER:	060406-8045.US02
NAME OF SUBMITTER:	SHIH-YO CHENG
SIGNATURE:	/Shih-Yo Cheng/
DATE SIGNED:	03/26/2015
Total Attachments: 5	
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ASSIGNMENT

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. 13/631,523, entitled "Systems and Method for Event Tracking Using Time-Windowed Counters" filed on September 28, 2012.

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.

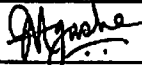
INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein 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: **SYSTEMS AND METHODS FOR EVENT TRACKING USING
TIME-WINDOWED COUNTERS**
Filed: **September 28, 2012**
Application No.: **13/631,513**

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.

Name and Signature



Bhalchandra Suresh Agashe

Date of Signature

12/04/2012

Name and Signature

Gil Sbkarski

Date of Signature

Name and Signature

Christopher Alexander Stein

Date of Signature

Name and Signature

Nickolay Vladimirov/Tchervenski

Date of Signature

Title: **SYSTEMS AND METHODS FOR EVENT TRACKING USING
TIME-WINDOWED COUNTERS**
Filed: **September 28, 2012**
Application No.: **13/631,523**

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Bhalchandra Suresh Agashe

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Date of Signature

Gil Shklarski

2/19/2013

Name and Signature

Date of Signature

Christopher Alexander Stein

Name and Signature

Date of Signature

Nickolay VladimirovTchervenski

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Name and Signature

Date of Signature

Bhalchandra Suresh Agashe

Name and Signature

Date of Signature

Gil Shklarski

Name and Signature

Date of Signature

Christopher Alexander Stein

Nov 1, 2012

Name and Signature

Date of Signature

Nickolay VladimirovTchervenski

Title: **SYSTEMS AND METHODS FOR EVENT TRACKING USING
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Filed: **September 28, 2012**
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Christopher Alexander Stein

Name and Signature

Date of Signature

Nickolay Vladimirov Tchernovski
Nickolay Vladimirov Tchernovski

November 27, 2012