

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5907276

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KODACLOUD, LLC	12/20/2019
<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: 25</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	9693277
Patent Number:	10231162
Patent Number:	10142766
Patent Number:	9992060
Application Number:	15956525
Application Number:	14755583
Patent Number:	10264519
Application Number:	16243408
Patent Number:	10129765
Patent Number:	10278083
Patent Number:	9918241
Patent Number:	10193742
Application Number:	16218096
Application Number:	14926804
Patent Number:	9843941
Patent Number:	10390237
Application Number:	15043847
Patent Number:	10123265
Application Number:	16140162
Patent Number:	9877245

PATENT

Property Type	Number
Patent Number:	10362588
Patent Number:	10009951
Patent Number:	10285213
Patent Number:	10361913
Application Number:	15428470

**CORRESPONDENCE DATA**

Fax Number: (650)938-5200

*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.*

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Correspondent Name: SAAD K. HASSAN

Address Line 1: FENWICK & WEST LLP

Address Line 2: 801 CALIFORNIA STREET

Address Line 4: MOUNTAIN VIEW, CALIFORNIA 94041

ATTORNEY DOCKET NUMBER:	26246-00309
NAME OF SUBMITTER:	SAAD K. HASSAN, REG. NO. 70223
SIGNATURE:	/Saad K. Hassan/
DATE SIGNED:	01/13/2020

**Total Attachments: 6**  
source=01000\_KodaCloud\_Facebook\_Assignment#page1.tif  
source=01000\_KodaCloud\_Facebook\_Assignment#page2.tif  
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source=01000\_KodaCloud\_Facebook\_Assignment#page6.tif



## INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT

This Intellectual Property Assignment Agreement (the "Assignment") is hereby entered into on December 20, 2019 (the "Effective Date"), by, between, and among Kodacloud (assignment for the benefit of creditors), LLC, a California limited liability company, in its sole and limited capacity as assignee for the benefit of creditors of KodaCloud, Inc. ("Assignor"); and Facebook, Inc., a Delaware corporation ("Assignee").

1. Assignor desires to transfer and assign to Assignee, and Assignee desires to accept the transfer and assignment of all of Assignor's right, title and interest in, to and under, all Intellectual Property Rights as defined in the Asset Purchase Agreement, dated as of the Effective Date, by and between Assignor and Assignee, including without limitation all of the following (hereafter collectively referred to as "Intellectual Property"):

(i) the entire worldwide right, title and interest of Assignor in and to each and all patents in the United States and in all foreign countries including, without limitation corresponding Patent Cooperation Treaty patent applications and corresponding National patent applications and all inventions, improvements and discoveries disclosed in said patents and applications, including but not limited to those set forth in **Schedule A** hereto, and in and to all substitutions, divisions, continuations, continuations-in-part, reexaminations, extensions, renewals and reissues (as applicable) thereof, including without limitation of generality, all rights of priority resulting from the filing of patent applications relating to any of the foregoing as well as any and all choses in action and any and all claims and demands, both at law and in equity, that Assignor has or may have for damages or profits accrued or to accrue on account of the infringement of any of said patents, patent applications, inventions, improvements and discoveries (or any provisional rights therein), the same to be held and enjoyed by Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if the assignment set forth in this Assignment had not been made;

(ii) the full and complete right to file patent applications in the name of the Assignor, at the Assignee's, or its designee's election, on the aforesaid inventions, improvements, discoveries and applications in all countries of the world;

(iii) the entire right, title and interest of Assignor in and to any patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same;

(iv) any and all copyrights throughout the world, including any and all applications, registrations, and like protections, whether registered or not, whether published or unpublished, together with all common law rights therein, and the right of Assignor to sue for and recover damages or profits arising out of past, present, or future infringement of any and all of said rights as fully and entirely as the same would have been held and enjoyed by Assignor had this Assignment not been made;



(v) any and all trade secret rights, including rights Assignor may have under the laws governing confidential information or rights in law to prevent the unauthorized use or disclosure of such information.

2. Assignor, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, does hereby sell, convey, transfer and assign to Assignee, and Assignee hereby accepts the sale, conveyance, transfer and assignment of all right, title and interest of Assignor in, to and under the Intellectual Property, including all worldwide right, title and interest of Assignor in, to and under the Intellectual Property, together with the right of Assignor to claim priority in all countries in accordance with international law, any and all rights of Assignor corresponding to said Intellectual Property in countries throughout the world, and all of Assignor's rights to sue for past, present or future infringement of said Intellectual Property worldwide together with all claims for damages by reason of past, present or future infringement of said Intellectual Property, and the right to sue for and collect the same for Assignee's own use and enjoyment, all to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor had this Assignment not been made. Assignor hereby authorizes and requests the United States Patent and Trademarks Office to issue said Patents in accordance with this Assignment.

3. This Assignment may be executed in multiple counterparts, each of which shall be deemed an original hereof, and all of which shall constitute a single agreement effective as of the date hereof. Any delivery of an executed counterpart of this Assignment by facsimile or electronic mail shall be as effective as delivery of a manually executed counterpart of this Assignment.

4. This Assignment shall be binding upon and shall inure to the benefit of the parties and their respective successors and assigns.

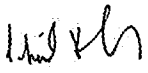
5. This Assignment shall be governed by and construed in accordance with federal law, to the extent applicable, and, where state law is implicated, the internal laws of the State of California, without giving effect to any principles of conflicts of law.

*[Text continues on next page with signatures]*



**IN WITNESS WHEREOF**, Assignor and Assignee executed and delivered this Assignment by their duly authorized representatives as of the Effective Date.

**Kodacloud (assignment for the benefit of creditors), LLC, a California limited liability company, in its sole and limited capacity as assignee for the benefit of creditors of KodaCloud, Inc.**

By:   
Michael A. Maily, Manager

**Facebook, Inc.,  
a Delaware corporation**

By: *Aaron Bernstein*  
Aaron Bernstein (Doc. 20, 2015)  
Aaron Bernstein, Authorized Signatory



## SCHEDULE A

### *Patents*

Application Number	Abstract	Status	Patent Number
14678609	METHOD AND SYSTEM FOR SELECTING AN ACCESS POINT FOR PERFORMING SERVICES CORRESPONDING TO A CLIENT DEVICE	Issued	9,693,277
15582202	METHOD AND SYSTEM FOR SELECTING AN ACCESS POINT FOR PERFORMING SERVICES CORRESPONDING TO A CLIENT DEVICE	Issued	10,231,162
14678613	METHOD AND SYSTEM FOR SELECTING AN ACCESS POINT FOR PERFORMING SERVICES CORRESPONDING TO A CLIENT DEVICE	Issued	10,142,766
14700471	METHOD AND SYSTEM FOR DETERMINING A NETWORK CONFIGURATION FOR A DEPLOYMENT ENVIRONMENT	Issued	9,992,060
15956525	METHOD AND SYSTEM FOR DETERMINING A NETWORK CONFIGURATION FOR A DEPLOYMENT ENVIRONMENT	Pending	
14755583	COOPERATIVE SCANNING OF WIRELESS DEVICES	Pending	
14788310	ESTIMATING SIGNAL STRENGTH AT A TARGET WIRELESS DEVICE	Issued	10,264,519
16243408	ESTIMATING SIGNAL STRENGTH AT A TARGET WIRELESS DEVICE	Pending	
14834054	ADAPTIVE WIRELESS COVERAGE CONFIGURATIONS	Issued	10,129,765
16151612	ADAPTIVE WIRELESS COVERAGE CONFIGURATIONS	Issued	10,278,083
14788397	ESTIMATING CHANNEL UTILIZATION FOR A TARGET WIRELESS DEVICE	Issued	9,918,241
14926778	SELECTING A CORRECTIVE ACTION FOR A NETWORK CONNECTION PROBLEM	Issued	10,193,742



	BASED ON HISTORICAL DATA		
16218096	SELECTING A CORRECTIVE ACTION FOR A NETWORK CONNECTION PROBLEM BASED ON HISTORICAL DATA	Pending	
14926804	EXECUTING A CORRECTIVE ACTION IN RESPONSE TO DETECTING A PARTICULAR PATTERN IN A PERFORMANCE LEVEL OF A WIRELESS CONNECTION	Pending	
14985888	DELAYING EXECUTION OF A CORRECTIVE ACTION IN A WIRELESS ENVIRONMENT	Issued	9,843,941
15787111	DELAYING EXECUTION OF A CORRECTIVE ACTION IN A WIRELESS ENVIRONMENT	Issued	10,390,237
15043847	DETERMINING A PERFORMANCE CRITERION FOR A WIRELESS DEVICE	Pending	
15059616	SELECTING AN ACCESS POINT FOR PROVIDING NETWORK ACCESS TO A WIRELESS DEVICE BASED ON HISTORICAL NETWORK ACTIVITY	Issued	10,123,265
16140162	SELECTING AN ACCESS POINT FOR PROVIDING NETWORK ACCESS TO A WIRELESS DEVICE BASED ON HISTORICAL NETWORK ACTIVITY	Allowed	
15155237	DETERMINING A THRESHOLD VALUE FOR DETERMINING WHETHER TO STEER A PARTICULAR NODE FROM ASSOCIATING WITH ONE NODE TO ANOTHER NODE IN A WIRELESS ENVIRONMENT	Issued	9,877,245
15838334	DETERMINING A THRESHOLD VALUE FOR DETERMINING WHETHER TO STEER A PARTICULAR NODE FROM ASSOCIATING WITH ONE NODE TO ANOTHER NODE IN A WIRELESS ENVIRONMENT	Issued	10,362,588
15150694	EXECUTING A CORRECTIVE ACTION	Issued	10,009,951



	BASED ON BEHAVIOR DETECTED DURING A CONNECTION STAGE		
15970506	EXECUTING A CORRECTIVE ACTION BASED ON BEHAVIOR DETECTED DURING A CONNECTION STAGE	Issued	10,285,213
15428404	DETERMINING WHETHER TO INCLUDE OR EXCLUDE DEVICE DATA FOR DETERMINING A NETWORK COMMUNICATION CONFIGURATION FOR A TARGET DEVICE	Issued	10,361,913
15428470	DETERMINING A TARGET DEVICE PROFILE INCLUDING AN EXPECTED BEHAVIOR FOR A TARGET DEVICE	Pending	15428470