

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5351531

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the DATE OF EXECUTION ON THE COVERSHEET previously recorded on Reel 046813 Frame 0080. Assignor(s) hereby confirms the DOCUMENT WAS SIGNED 04/12/2017, NOT 04/17/2017 AS APPEARS ON THE COVERSHEET, SEE DOCUMENT PAGES 7 AND 8.
CONVEYING PARTY DATA	
Name	Execution Date
UNIQIFY INC	04/12/2017
RECEIVING PARTY DATA	
Name:	UNIQIFY IP COMPANY, LLC
Street Address:	ONE MARKET, SPEAR TOWER
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94105
PROPERTY NUMBERS Total: 21	
Property Type	Number
Patent Number:	7975164
Patent Number:	8843778
Patent Number:	8941422
Patent Number:	8941423
Patent Number:	8947140
Patent Number:	8990607
Patent Number:	9300443
Patent Number:	9021293
Patent Number:	9075543
Patent Number:	9081516
Patent Number:	9100027
Patent Number:	9425778
Patent Number:	9431091
Patent Number:	9552853
Patent Number:	9584309
Application Number:	15237473
Application Number:	15249188
Application Number:	15722209

PATENT

Property Type	Number
Application Number:	15853568
Application Number:	15996365
Application Number:	16049693

CORRESPONDENCE DATA

Fax Number: (408)971-4660

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.

Phone: 4089712573

Email: emma@zilkakotab.com

Correspondent Name: ZILKA-KOTAB PC

Address Line 1: 1155 N. 1ST ST.

Address Line 4: SAN JOSE, CALIFORNIA 95112

NAME OF SUBMITTER: KEVIN J. ZILKA

SIGNATURE: /KEVIN ZILKA/

DATE SIGNED: 01/30/2019

Total Attachments: 15

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Confirmation Receipt

Your assignment has been received by the USPTO.
The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>UNIQIFY, INC.</td><td>04/17/2017</td></tr></tbody></table>	Name	Execution Date	UNIQIFY, INC.	04/17/2017									
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<table border="1"><tr><td>Name:</td><td>UNIQIFY IP COMPANY, LLC</td></tr><tr><td>Street Address:</td><td>ONE MARKET, SPEAR TOWER</td></tr><tr><td>City:</td><td>SAN FRANCISCO</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>94105</td></tr></table>	Name:	UNIQIFY IP COMPANY, LLC	Street Address:	ONE MARKET, SPEAR TOWER	City:	SAN FRANCISCO	State/Country:	CALIFORNIA	Postal Code:	94105			
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PATENT**REEL: 048193 FRAME: 0695**

Patent Number:	9075543
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Patent Number:	9431091
Patent Number:	9805784
Application Number:	15722209
Application Number:	15996365
Application Number:	16049693

CORRESPONDENCE DATA**Fax Number:****Phone:** 4089712573**Email:** diana@zilkakotab.com

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Correspondent Name: ZILKA-KOTAB, PC**Address Line 1:** 1155 N. 1ST STREET, SUITE 105**Address Line 4:** SAN JOSE, CALIFORNIA 95112

NAME OF SUBMITTER:	KEVIN J. ZILKA
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Signature:	/KEVIN ZILKA/
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Date:	09/07/2018
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Total Attachments: 12

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PATENT**REEL: 048193 FRAME: 0696**

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RECEIPT INFORMATION

EPAS ID: PAT5129745

Receipt Date: 09/07/2018

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ASSIGNMENT OF PATENT RIGHTS

THIS ASSIGNMENT OF PATENT RIGHTS (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, this “**Assignment**”) entered into as of April 17, 2017 (the “**Effective Date**”), between Uniquify IP Company, LLC, a Nevada limited liability company (“**Assignee**”), on the one hand, and Uniquify, Inc., a Delaware corporation (“**Parent**”) and each Subsidiary of Parent identified in the signature pages hereto (together with Parent, collectively, “**Assignors**”) on the other hand.

[REDACTED]

SECTION 2. Assignment. Each Assignor hereby sells, assigns, transfers, conveys, sets over, and delivers to Assignee all right, title, and interest, whether now or hereafter existing or existing, acquired or arising in, to, and under the following (collectively, the “**Assigned Patent Rights**”):

(a) all patents owned or exclusively licensed to, issued to, or for which applications have been filed by or are pending in the name of, any Assignor, including, without limitation, the patents and patent applications set forth on **Schedule 1** attached hereto (the “**Assigned Patents**”);

(b) all patents and patent applications: (i) to which any of the Assigned Patents directly or indirectly claims priority; or (ii) for which any of the Assigned Patents directly or indirectly forms a basis for priority;

(c) all reissues, reexaminations, extensions, renewals, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, and divisionals of any item in any of the foregoing categories (a) and (b);

(d) all foreign patents, patent applications, and counterparts relating to any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances;

(e) all items in any of the foregoing in categories (b) through (d), whether or not expressly listed on the Schedule of Exceptions and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like;

(f) inventions, invention disclosures, and discoveries described in any of the Assigned Patents or any item in the foregoing categories (b) through (e) that: (i) are included in any claim in the Assigned Patents or any item in the foregoing categories (b) through (e); (ii) are subject matter capable of being reduced to a patent claim in a reissue or reexamination proceeding brought on any of the Assigned Patents or any item in the foregoing categories (b) through (e); or (iii) could have been included as a claim in any of the Assigned Patents or any item in the foregoing categories (b) through (e);

(g) all rights to apply in any or all countries of the world for patents or other governmental grants or issuances of any type related to any item in any of the foregoing categories (a) through (f), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;

(h) all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Assigned Patents or any item in any of the foregoing categories (b) through (g), including, without limitation, all causes of action and other enforcement rights for (i) damages; (ii) injunctive relief; and (iii) any other remedies of any kind for past, current, and future infringement, misappropriation, or other violation; and

(i) all rights to collect income, royalties, damages and other payments due or payable under or with respect to any of the Assigned Patents or any item in any of the foregoing categories (b) through (h).

For clarity, the "Assigned Patents" shall include all patents and patent applications assigned to Assignee, and that are deemed to be "Assigned Patents", pursuant to Section 7.18 of the Credit Agreement.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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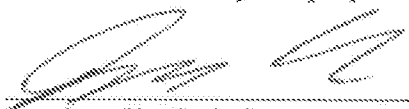
[REDACTED]



IN WITNESS WHEREOF, the parties have caused this Assignment to be executed by their duly authorized representatives as of the Effective Date.

ASSIGNEE:

UNIQIFY IP COMPANY, LLC,
a Nevada limited liability company

By: 
Name: Jung Ho (Josh) Lee
Title: Chief Executive Officer

ATTESTATION OF SIGNATURE UNDER 28 U.S.C. § 1746

The undersigned witnessed the signature of **JUNG HO (JOSH) LEE** to the above Assignment of Patent Rights on behalf of **UNIQIFY IP COMPANY, LLC**, a Nevada limited liability company and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
2. **JUNG HO (JOSH) LEE** is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on April 12, 2017 to execute the above Assignment of Patent Rights on behalf of **UNIQIFY IP COMPANY, LLC**, a Nevada limited liability company.
3. **JUNG HO (JOSH) LEE** subscribed to the above Assignment of Patent Rights on behalf of **UNIQIFY IP COMPANY, LLC**, a Nevada limited liability company.

I declare under penalty of perjury under the Laws of the United States of America that the statements made in the three (3) numbered Sections immediately above are true and correct.

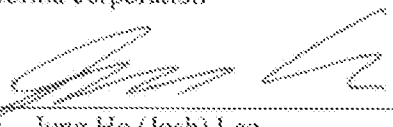
EXECUTED on April 12, 2017

s. 
Print Name: R. A. Sheffield

[Signature Page to Assignment of Patent Rights]

ASSIGNOR:

UNIQIFY, INC.,
a California corporation

By: 
Name: Jung Ho (Josh) Lee
Title: Chief Executive Officer

ATTESTATION OF SIGNATURE UNDER 28 U.S.C. § 1746

The undersigned witnessed the signature of **JUNG HO (JOSH) LEE** to the above Assignment of Patent Rights on behalf of **UNIQIFY, INC.**, a California corporation and makes the following statements:

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EXECUTED on April 12, 2017

s. 
Print Name:
R. A. Sheffield

[Signature Page to Assignment of Patent Rights]

Schedule 1

Assigned Patents

Inventor	Patent or Application Number	Patent Date or Filing Date	Title (for Issued Patent)
Lee; Jung, Gopalan; Mahesh	7,975,164	Jul.5, 2011	DDR memory controller
Lee; Jung, Goplan; Mahesh	8,661,285	Feb. 25, 2014	Dynamically calibrated DDR memory controller
Lee; Jung, Goplan; Mahesh	8,843,778	Sep. 23,2014	Dynamically calibrated DDR memory controller
Iyer; Venkat, Joshi; Prashant, Lee; Jung	8,941,422	Jan. 27, 2015	Method for operating a data interface circuit where a calibration controller controls both a mission path and a reference path
Iyer; Venkat, Joshi; Prashant, Lee; Jung	8,941,423	Jan. 27, 2015	Method for operating a circuit including a timing calibration function
Iyer; Venkat, Joshi; Prashant, Lee; Jung	8,947,140	Feb. 3, 2015	Continuous adaptive training for data interface timing calibration
Lee; Jung, Gopalan; Mahesh	8,990,607	Mar. 24, 2015	Memory interface circuits including calibration for CAS latency compensation in a plurality of byte lanes
Gopalan; Mahesh	9,300,443	Mar. 29, 2016	Methods for dynamically adaptive bit-leveling by incremental sampling, jitter detection, and exception handling
Lee; Jung, Goplan; Mahesh	9,021,293	Apr. 28, 2015	Methods for operating a memory interface circuit including calibration for CAS latency compensation in a plurality of byte lanes
Lee; Jung, Goplan; Mahesh	9,075,543	Jul. 7, 2015	Method of application memory preservation for dynamic calibration of memory interfaces
Lee; Jung, Goplan; Mahesh	9,081,516	Jul. 14, 2015	Application memory preservation for dynamic calibration of memory interfaces
Iyer; Venkat, Joshi; Prashant, Lee; Jung	9,100,027	Aug. 4, 2015	Data interface circuit for capturing received data bits including continuous calibration
Lee; Jung, Iyer; Venkak, Murdock; Brett	9,425,778	Aug. 23, 2016	Continuous Adaptive Data Capture Optimization for Interface Circuits

[Schedule 1 to Assignment of Patent Rights]

Gopalan; Mahesh, Wu; David, Iyer; Venkat	9,431,091	Aug. 30, 2016	Multiple Gating Modes and Half-Frequency Dynamic Calibration for DDR Memory Controllers
Lee; Jung, Goplan; Mahesh	9,552,853	Jan. 24, 2017	Methods for Calibrating a Read Data Path for a Memory Interface
Gopalan; Mahesh	9,584,309	Feb. 28, 2017	Circuit for Dynamically Adaptive Bit-leveling by Incremental sampling, Jitter Detection, and Exeption Handling
Lee; Jung, Iyer; Venkat, Murdock; Brett	US15/237473	Applied March 12, 2013	Continuous adaptive data capture optimization for interface circuits
Gopalan; Mahesh, Wu; David, Iyer; Venkat	US15/249188	Applied June 6, 2008	Multiple gating modes and half-frequency dynamic calibration for ddr memory controllers

[Schedule 1 to Assignment of Patent Rights]

Exhibit A



[Exhibit A to Assignment of Patent Rights]

KE 46256387.11

RECORDED: 01/30/2019

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