

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4914656

|                                                                                                                                                                                                 |                                   |                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                    |                       |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | CHANGE OF NAME                    |                       |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                   |                       |
|                                                                                                                                                                                                 | <b>Name</b>                       | <b>Execution Date</b> |
|                                                                                                                                                                                                 | GOOGLE INC.                       | 09/29/2017            |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                   |                       |
| <b>Name:</b>                                                                                                                                                                                    | GOOGLE LLC                        |                       |
| <b>Street Address:</b>                                                                                                                                                                          | 1600 AMPHITHEATRE PARKWAY         |                       |
| <b>City:</b>                                                                                                                                                                                    | MOUNTAIN VIEW                     |                       |
| <b>State/Country:</b>                                                                                                                                                                           | CALIFORNIA                        |                       |
| <b>Postal Code:</b>                                                                                                                                                                             | 94043                             |                       |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                   |                       |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                     |                       |
| <b>Application Number:</b>                                                                                                                                                                      | 15950852                          |                       |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                   |                       |
| <b>Fax Number:</b>                                                                                                                                                                              | (877)769-7945                     |                       |
| <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>                                                                                                                                                                                   | +1 (404) 724-2853                 |                       |
| <b>Email:</b>                                                                                                                                                                                   | apsi@fr.com                       |                       |
| <b>Correspondent Name:</b>                                                                                                                                                                      | CLINT J. KING                     |                       |
| <b>Address Line 1:</b>                                                                                                                                                                          | FISH & RICHARDSON P.C.            |                       |
| <b>Address Line 2:</b>                                                                                                                                                                          | P.O.BOX 1022                      |                       |
| <b>Address Line 4:</b>                                                                                                                                                                          | MINNEAPOLIS, MINNESOTA 55440-1022 |                       |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 16113-6943002                     |                       |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | CHRISTINE M. TOMLINSON            |                       |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Christine M. Tomlinson/          |                       |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 04/13/2018                        |                       |
| <b>Total Attachments: 4</b>                                                                                                                                                                     |                                   |                       |
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| source=16113-6943002-GOOGLE_LLC_Assignment#page2.tif                                                                                                                                            |                                   |                       |
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# Delaware

The First State

Page 1

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE CORPORATION UNDER THE NAME OF "GOOGLE INC." TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "GOOGLE INC." TO "GOOGLE LLC", FILED IN THIS OFFICE ON THE TWENTY-NINTH DAY OF SEPTEMBER, A.D. 2017, AT 12:42 O`CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF CONVERSION IS THE THIRTIETH DAY OF SEPTEMBER, A.D. 2017 AT 11:59 O'CLOCK P.M.



3582691 8100V  
SR# 20176403570

You may verify this certificate online at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

A handwritten signature in black ink, appearing to read "JBULLOCK", is written over a horizontal line. Below the line, the text "Jeffrey W. Bullock, Secretary of State" is printed in a small font.

Authentication: 203316782  
Date: 09-29-17

**PATENT**  
**REEL: 045945 FRAME: 0918**

CERTIFICATE OF CONVERSION  
OF  
GOOGLE INC.  
(a Delaware corporation)  
TO  
GOOGLE LLC  
(a Delaware limited liability company)

State of Delaware  
Secretary of State  
Division of Corporations  
Delivered 12:42 PM 09/29/2017  
FILED 12:42 PM 09/29/2017  
SR 20176403570 - File Number 3582691

This Certificate of Conversion is being filed in accordance with the provisions of 6 Del. C. § 18-214 to convert Google Inc., a Delaware corporation (the “**Corporation**”), to Google LLC, a Delaware limited liability company, and the undersigned does hereby certify as follows:

1. The jurisdiction where the Corporation was first incorporated is the State of Delaware.
2. The Corporation was first incorporated in the State of Delaware on October 22, 2002.
3. The name of the Corporation immediately prior to the filing of this Certificate of Conversion was Google Inc.
4. The name of the limited liability company as set forth in the attached Certificate of Formation is Google LLC.
5. The effective time of the conversion of the Corporation into a Delaware limited liability company pursuant to and in accordance with Section 266 of the General Corporation Law of the State of Delaware and Section 18-214 of the Delaware Limited Liability Company Act is 11:59 PM EDT on September 30, 2017 (the “**Effective Time**”).

IN WITNESS WHEREOF, the undersigned, as an authorized officer, has executed this Certificate of Conversion.

**GOOGLE INC.**

By: /s/ Kenneth H. Yi  
Name: Kenneth H. Yi  
Title: Assistant Secretary

# Delaware

The First State

Page 1

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF  
DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND  
CORRECT COPY OF THE CERTIFICATE OF FORMATION OF "GOOGLE LLC"  
FILED IN THIS OFFICE ON THE TWENTY-NINTH DAY OF SEPTEMBER,  
A.D. 2017, AT 12:42 O`CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE  
OF THE AFORESAID CERTIFICATE OF FORMATION IS THE THIRTIETH DAY  
OF SEPTEMBER, A.D. 2017 AT 11:59 O'CLOCK P.M.



3582691 8100V  
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Authentication: 203316782  
Date: 09-29-17

**PATENT**  
**REEL: 045945 FRAME: 0920**

**CERTIFICATE OF FORMATION**

**OF**

**GOOGLE LLC**

The undersigned, desiring to form a limited liability company pursuant to the Delaware Limited Liability Company Act, 6 Delaware Code, Chapter 18, does hereby certify as follows:

- I. The name of the limited liability company is Google LLC (the “**Company**”).
- II. The address of its registered office in the State of Delaware is 251 Little Falls Drive, Wilmington, County of New Castle, Delaware 19808. The name of the registered agent at such address is Corporation Service Company.
- III. The effective time of the formation of the Company into a Delaware limited liability company pursuant to and in accordance with Section 266 of the General Corporation Law of the State of Delaware and Section 18-214 of the Delaware Limited Liability Company Act is 11:59 PM EDT on September 30, 2017 (the “**Effective Time**”).

IN WITNESS WHEREOF, the undersigned, as an authorized person, has executed this Certificate of Formation of Google LLC.

By: /s/ Kenneth H. Yi

Name: Kenneth H. Yi

Title: Authorized Person