502404490 07/01/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------------|----------------|
| Jason Parks | 08/25/2011 |
| Nicholas Julian Pelly | 08/16/2011 |
| Jeffrey William Hamilton | 09/27/2011 |
| Cheng-Hsueh Andrew Hsieh | 08/25/2011 |
| Chinyue Chen | 08/25/2011 |
| Yung-chieh Lo | 08/25/2011 |

RECEIVING PARTY DATA

| Name: | Google Inc. |
|-----------------|---------------------------|
| Street Address: | 1600 Amphitheatre Parkway |
| City: | Mountain View |
| State/Country: | CALIFORNIA |
| Postal Code: | 94043 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13932232 |

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 248 270 2894

Email: mailbox@remarck.com

Correspondent Name: Remarck Law Group PLC (Google)

Address Line 1: PO Box 210958

Address Line 4: Auburn Hills, MICHIGAN 48321

| ATTORNEY DOCKET NUMBER: | 16013-000367/US/COC |
|-------------------------|--------------------------|
| NAME OF SUBMITTER: | Michael A. Schaldenbrand |

502404490 PATENT REEL: 030719 FRAME: 0425 P \$40,00 13932232

| Signature: | /Michael A. Schaldenbrand/ |
|--|----------------------------|
| Date: | 07/01/2013 |
| Total Attachments: 4 source=ParentAssignment_16013-000367#page1.tif source=ParentAssignment_16013-000367#page2.tif source=ParentAssignment_16013-000367#page3.tif source=ParentAssignment_16013-000367#page4.tif | |

PATENT REEL: 030719 FRAME: 0426

ASSIGNMENT

WHEREAS, WE, JASON PARKS, citizen of the United States of America, residing in Austin, Texas; NICHOLAS JULIAN PELLY, citizen of Australia and the United Kingdom, residing in San Francisco, California; JEFFREY WILLIAM HAMILTON, citizen of the United States of America, residing in Austin, Texas; CHENG-HSUEH ANDREW HSIEH, citizen of the United States of America, residing in Taipei, Taiwan; CHINYUE CHEN, citizen of Taiwan, residing in Taipei City, Taiwan, ASSIGNORS, are the inventors of the invention in TRANSFERRING APPLICATION STATE ACROSS DEVICES, for which we have executed an application for a Patent of the United States

| X | which is executed on |
|--------|---|
| Ø | which is identified by Morgan, Lewis & Bockius LLP docket no. 60963-5675-US |
| \Box | which was filed on, Application No |
| X | which claims priority on U.S. Provisional Patent Application No(s). 61/484,187 |
| Ø | We hereby authorize and request our attorney, Gary S. Williams, of Morgan, Lewis & Bockius LLP, to insert here in parenthesis (Application number 13/247, 755, filed 9/28/204) the filing date and application number of said application when known. |
| | number of said application when known. |

and WHEREAS, GOOGLE INC., ASSIGNEE, having a place of business at 1600 Amphitheatre Parkway, Mountain View, California 94043, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and any substitute applications therefore, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; the said United States provisional patent application(s), if any, on which the said United States application claims priority; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application and said United States provisional patent application(s), if any, under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full 'ight to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

| IN TESTIMONY WHEREOF, signatures. Date 08/25/20/ | We hereunto set our hands and seals the day and year Jason Parks | ar set opposite our respectiveL.S. |
|---|---|------------------------------------|
| Date | Nicholas Julian Pelly | L.S. |

DB2/22581792.1

ASSIGNMENT

WHEREAS, WE, JASON PARKS, citizen of the United States of America, residing in Austin, Texas; NICHOLAS JULIAN PELLY, citizen of Australia and the United Kingdom, residing in San Francisco, California; JEFF EY WILLIAM HAMILTON, citizen of the United States of America, residing in Austin, Texas; CHENG-HSUEH ANDREW HSIEH, citizen of the United States of America, residing in Taipei, Taiwan; CHINYUE CHEN, citizen of Taiwan, residing in Taipei City, Taiwan, ASSIGNORS, are the inventors of the invention in T ANSFERRING APPLICATION STATE ACROSS DEVICES, for which we have executed an application for a Patent of the United States

| \boxtimes | which is executed on ⊠ even date herewith |
|---|--|
| \boxtimes | which is identified by Morgan, Lewis & Bockius LLP docket no. 60963-5675-US |
| | which was filed on, Application No |
| | which claims priority on U.S. Provisional Patent Application No(s). 61/484,187 |
| ⊠ | We hereby authorize and request our attorney, Gary S. Williams, of Morgan, Lewis & Bockius LLP, to insert here in parenthesis (Application number 13/247, 755 , filed 9/28/201) the filing date and application number of said application when known. |
| and Vie the | WHEREAS, GOOGLE INC., ASSIGNEE, having a place of business at 1600 Amphitheatre Pa kway, Mountain w, California 94043, is desirous of obtaining our entire right, title and interest in, to and under the said invention and said application: |
| sell, righ rene may any, inclinverigh provents of the such limites. | NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby nowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire it, title and interest in, to and under the said invention, and the said United States application and all divisions ewals and continuations thereof, and any substitute applications therefore, and all Patents of the United States which we granted thereon and all reissues and extensions thereof; the said United States provisional patent application(s), it, on which the said United States application claims priority; and all applications for industrial property protection unding, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said ention in any country or countries foreign to the United States, together with the right to file such applications and the to claim for the same the priority rights derived from said United States application and said United States visional patent application(s), if any, under the Patent Laws of the United States, the International Convention for the tection of Industrial Property, or any other international agreement or the domestic laws of the country in which any happlication is filed, as may be applicable; and all forms of industrial property protection, including, without itation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any notion of countries foreign to the United States and all extensions, renewals and reissues thereof; |
| forn | AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its cessors, legal representatives and assigns, in accordance with the terms of this instrument. |
| that | AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and we have not executed, and will not execute, any agreement in conflict herewith. |
| all l do e | AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors all representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce per protection for said invention in all countries. |
| sign | IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective natures. |
| Date | |
| | Jason Parks |
| | a/1/1/20 |

Nicholas Julian/Pelly

DB2/22581792.1

PATENT REEL: 030719 FRAME: 0428

MORGAN, LEWIS & BOCKIUS LLP DOCKET NO. 60963-5675-US

| Date 9/27/11 | Jeffrey William/Hamilton | L.S. |
|--------------|--------------------------|------|
| Date | Cheng-Hsueh Andrew Hsieh | L.S. |
| Date | Chinyue Chen | L.S. |
| Date | Yung-chieh Lo | L.S. |

MORGAN, LEWIS & BOCKIUS LLP DOCKET NO. 60963-5675-US

| Date | Jeffrey William Hamilton | L.S. |
|--------------------|--------------------------|------|
| Date \$ 25, 2011 | Cheng-Hsueh Andrew Hsieh | L.S. |
| Date Aug 25, 20 [1 | Chinyue Chen | L.S. |
| Date >01/68/25 | Yung-chich Lo | L.S. |

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PATENT REEL: 030719 FRAME: 0430