501917932 05/11/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| Eric Fredricksen | 02/18/2005 |
| Bay-Wei Chang | 02/28/2005 |

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: | 13249198 |

CORRESPONDENCE DATA

 Fax Number:
 (877)769-7945

 Phone:
 617-542-5070

 Email:
 apsi@fr.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: Christina V. McDonough
Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

| ATTORNEY DOCKET NUMBER: | 16113-1283005 |
|-------------------------|------------------|
| NAME OF SUBMITTER: | Darlene J. Morin |

Total Attachments: 3

source=161131283005Assign#page1.tif source=161131283005Assign#page2.tif source=161131283005Assign#page3.tif

> PATENT REEL: 028194 FRAME: 0717

ICH \$40,00 13249

501917932

| | 8 (GP-466-00-US) | | To Filing Patent Application) |
|---|---|---|---|
| For good | and valuable conside | eration, the receipt of which | n is hereby acknowledged, <u>we</u> , |
| the undersigned, | Bay-Wei Chang a | ind Eric Fredericksen | |
| | | | |
| hereby sell, assig | n, and transfer to <u>G</u> | oogle, Inc. | |
| a corporation of _ | the State of Delawa | are, having a pla | ce of business at |
| and its successor United States and the application for | s, assigns, and legal I all foreign countries r the United States p | l representatives, the entire s, in and to any and all impl | , ("Assignee"), e right, title, and interest for the rovements that are disclosed in ed by the undersigned prior lis entitled |
| SYSTEM AND M | ETHOD FOR NAVIO | SATING DOCUMENTS | |
| continued prosect | ution applications, co | livisional applications, cont ntinuation-in-part application | ons, substitute applications, |

renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that when requested without charge to, but at the

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

- 1 -

REEL: 028194 FRAME: 0718

| Each Inventor: Please Sign <u>and Date</u> Below: | Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY: |
|---|--|
| Feb 18, 2005 Pay Ext All Name: Bay-Wei Chang | Fels (8 , 2005 Date |
| Date Name: Eric Fredericksen | , 20 |
| Date Name: | , 20 |
| Date Name: | , 20 |
| , 20 Date Name: | , 20 Date |
| , 20 Date Name: | , 20 Date |
| State of: SS. BLAKELY, SOKOLOFF, TA | YLOR & ZAFMAN LLP |
| On this day of 20, before me, the undersigned Notary Public, personally appeared [] personally known to me [] proved to me on the basis of satist person(s) whose name(s) subscribed to the within instrum that executed it. WITNESS my hand and official seal. | factory evidence to be the ent, and acknowledged |
| Notary's Signature | |

| Each Inventor: | Please Sign <u>and Date</u> Below: | Each inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY: |
|---|--|--|
| | | |
| Date | Name: Bay-Wei Chang | |
| 2/28,2 | od, Caffi | 2/29 2065 |
| Date | Name: Eric Fredricksen | |
| 2 | المن المن عن المن المن المن المن المن المن المن الم | |
| Date | Name: | |
| | The state of the s | |
| Date | Name: | 20 Date |
| , 20 | ر از مهر باز داده و در ما در از از از من کرد. در که این مرکز و در از می مرکز و مرکز و می مرکز و می از مرکز و م | |
| Date | Name: | |
| , 2(Date | ا در در در اسلام به اس و اسلام منه را در المنظم المراوع و ما در المنطق بالمنطق <u>بالمنظم من المنظم المنظم المنطق المنطقة الم</u> | |
| | Name. | Date |
| itate of | Assignment Documen | t Return Address |
| County of, |) SS. BLAKELY SOKOLOF 12400 Wilshire Blvd., : Los Angeles, CA 900 (408) 720-8598 | F. TAYLOR & ZAFMAN LLP Seventh Floor |
| On this day the undersigned N personally kn erson(s) whose n tat exe VITNESS my han | otery Public, personally appeared own to me [] proved to me on the basis of ame(s)subscribed to the within in cuted it | satisfactory evidence to be the strument, and acknowledged |
| | | |
| | | |
| Notary's Sig | yriature | |

PATENT

REEL: 028194 FRAME: 0720