

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Toshiaki Fujiki	02/06/2013
Slaven Bilac	02/06/2013
Kavi J. Goel	03/04/2013
Shuhei Takahashi	02/06/2013
Tomohiko Kimura	02/14/2013
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:	15692772
CORRESPONDENCE DATA	
Fax Number:	(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>	
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Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	16113-7654003
NAME OF SUBMITTER:	MARY FLORCZAK
SIGNATURE:	/Mary Florczak/
DATE SIGNED:	08/31/2017
Total Attachments: 6	

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source=16113Assignment#page6.tif

ASSIGNMENT
(Joint)
Worldwide Rights

THIS ASSIGNMENT, by Toshiaki Fujiki, Slaven Bilac, Kavi Goel, Shuhei Takahashi, and Tomohiko Kimura, residing at 6-13-13-901 Akasaka, Minato, Tokyo, Japan; Kamiosaki 3-5-8-901, Shinagawa, Japan; 343B Hill Street, San Francisco, California 94114; Bonheur Toritsu Daigaku 3 #502, Nakane 2-1-12, Meguro-ku, Tokyo, Japan; and 1-43-18 Yayoi-cho, Nakano-ku, Tokyo, Japan (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in GENERATING RANKED LISTS OF ENTITIES set forth in an application for Letters Patent of the United States,

- (1) ☐ which is a provisional application
(a) ☐ filed herewith; or
(b) ☐ bearing Application No. _____, and filed on _____; or
- (2) ☒ which is a non-provisional application
(a) ☒ bearing Application No. 13/756,117, and filed on January 31, 2013; or
(b) ☐ filed herewith; and

We hereby authorize Applicants' representative to fill in the preceding information relating to the filing date and/or serial number, as appropriate.

WHEREAS, Google Inc., a corporation of the state of Delaware, having its principal place of business at 1600 Amphitheatre Parkway, Mountain View, California 94043 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications and applications for Letters Patent of the United States or other countries claiming priority to said application or from which said application claims priority, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, any previously or subsequently filed provisional applications, and in and to any and all applications claiming priority to said applications, including divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

Toshiaki Fujiki

Toshiaki Fujiki

Date: Feb. 6, 2013

Witness Name

Witness Signature

Slaven Bilac

Slaven Bilac

Date: Feb. 6, 2013

Witness Name

Witness Signature

Kavi Goel

Witness Name

Date: _____

Witness Signature

Shuhei Takahashi

Shuhei Takahashi

Date: Feb. 6, 2013

Witness Name

Witness Signature

Tomohiko Kimura

Witness Name

Date: _____

Witness Signature

Toshiaki Fujiki

Date: _____

Witness Name

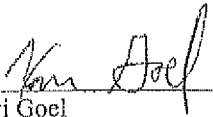
Witness Signature

Slaven Bilac

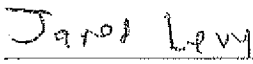
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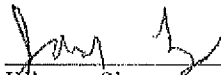
Witness Name

Witness Signature


Kavi Goel

Date: MARCH 4, 2013


Witness Name


Witness Signature

Shuhei Takahashi

Date: _____

Witness Name

Witness Signature

Tomohiko Kimura

Date: _____

Witness Name

Witness Signature

**ASSIGNMENT
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WHEREAS, the Assignors have invented certain new and useful improvements in GENERATING RANKED LISTS OF ENTITIES set forth in an application for Letters Patent of the United States,

- (1) ☐ which is a provisional application
(a) ☐ filed herewith; or
(b) ☐ bearing Application No. _____, and filed on _____; or
- (2) ☒ which is a non-provisional application
(a) ☒ bearing Application No. 13/756,117, and filed on January 31, 2013; or
(b) ☐ filed herewith; and

We hereby authorize Applicants' representative to fill in the preceding information relating to the filing date and/or serial number, as appropriate.

WHEREAS, Google Inc., a corporation of the state of Delaware, having its principal place of business at 1600 Amphitheatre Parkway, Mountain View, California 94043 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications and applications for Letters Patent of the United States or other countries claiming priority to said application or from which said application claims priority, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, any previously or subsequently filed provisional applications, and in and to any and all applications claiming priority to said applications, including divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made:

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth:

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Toshiaki Fujiki

Date: _____

Witness Name

Witness Signature

Slaven Bilac

Date: _____

Witness Name

Witness Signature

Kavi Goel

Date: _____

Witness Name

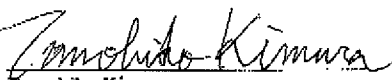
Witness Signature

Shuhei Takahashi

Date: _____

Witness Name

Witness Signature


Tomohiko Kimura

Date: 11/02/2013

Witness Name

Witness Signature