

PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tessa McDuff	01/24/2005
Sugato Baso	01/21/2005
Taher H. Haveliwala	01/24/2005
Glen Jeh	01/24/2005
Sepandar D. Kamvar	01/24/2005
Bilgehan Uygur Oztekin	01/24/2005
Mehran Sahami	01/21/2005

RECEIVING PARTY DATA

Name:	Google Inc.
Street Address:	1600 Amphitheatre Parkway
Internal Address:	Building 41
City:	Mountain View
State/Country:	CALIFORNIA
Postal Code:	94043

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11001404

CORRESPONDENCE DATA

Fax Number: (650)843-4001

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

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Correspondent Name: Gary S. Williams

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Address Line 2: 2 Palo Alto Square

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PATENT
REEL: 015683 FRAME: 0113

NAME OF SUBMITTER:

Gary S. Williams

Total Attachments: 4

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JOINT

ASSIGNMENT

WHEREAS, WE, **Tessa MacDuff**, citizen of the United States, residing in Redwood City, California; **Sugato Basu**, citizen of India, residing in Austin, Texas; **Taher D. Haveliwala**, citizen of the United States, residing in Mountain View, California; **Glen Jeh**, citizen of the United States, residing in San Francisco, California; **Sepandar D. Kamvar**, citizen of the United States, residing in San Francisco, California; **Bilgehan Uygur Oztekin**, citizen of Turkey, residing in Mountain View, California; and **Mehran Sahami**, citizen of the United States, residing in Redwood City, California, ASSIGNORS, are the inventors of the invention in **SEARCH BOOST VECTOR BASED ON CO-VISITATION INFORMATION**, for which we have executed an application for a Patent of the United States

- ☐ which is executed on ☐ even date herewith or
- ☒ which is identified by Morgan, Lewis & Bockius LLP docket no. 60963-5058-US
- ☒ which was filed on November 30, 2004. Application No. 11/001,404
- ☒ We hereby authorize and request our attorney, Gary S. Williams, of Morgan, Lewis & Bockius, LLP, to insert here in parentheses (Application number, _____ filed _____) the filing date and application number of said application when known.

and WHEREAS, **Google Inc.**, ASSIGNEE, having a place of business at 1600 Amphitheatre Pkwy., Building 41, Mountain View, CA 94043-1351, 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 of which is 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 all Patents of the United States which may be granted thereon and all reissues and extensions thereof; 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 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 right 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, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 01/24/05, 2005 Tessa MacDuff L.S.
Tessa MacDuff

Date _____, 2005 _____ L.S.
Sugato Basu

Date Jan 24, 2005 Taher H. Haveliwala L.S.
Taher H. Haveliwala

Date Jan 24, 2005 Glen Jeh L.S.
Glen Jeh

MORGAN, LEWIS & BOCKIUS LLP DOCKET NO. 60963-5058-US

JOINT

ASSIGNMENT

WHEREAS, WE, **Tessa MacDuff**, citizen of the United States, residing in Redwood City, California; **Sugato Basu**, citizen of India, residing in Austin, Texas; **Taher D. Haveliwala**, citizen of the United States, residing in Mountain View, California; **Glen Jeh**, citizen of the United States, residing in San Francisco, California; **Sepandar D. Kamvar**, citizen of the United States, residing in San Francisco, California; **Bilgehan Uygur Oztekin**, citizen of Turkey, residing in Mountain View, California; and **Mehran Sahami**, citizen of the United States, residing in Redwood City, California, ASSIGNORS, are the inventors of the invention in **SEARCH BOOST VECTOR BASED ON CO-VISITATION INFORMATION**, for which we have executed an application for a Patent of the United States

- ☐ which is executed on ☐ even date herewith or
☒ which is identified by Morgan, Lewis & Bockius LLP docket no. 60963-5058-US
☒ which was filed on November 30, 2004, Application No. 11/001,404
☒ We hereby authorize and request our attorney, Gary S. Williams, of Morgan, Lewis & Bockius, LLP, to insert here in parentheses (Application number, _____ filed _____) the filing date and application number of said application when known.

and WHEREAS, **Google Inc.**, ASSIGNEE, having a place of business at 1600 Amphitheatre Pkwy., Building 41, Mountain View, CA 94043-1351, 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 of which is 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 all Patents of the United States which may be granted thereon and all reissues and extensions thereof; 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 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 right 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, We hereunto set our hands and seals the day and year set opposite our respective signatures.


Date _____, 2005 _____ L.S.
Tessa MacDuff

Date 01/21, 2005 _____ L.S.
Sugato Basu
Sugato Basu

Date _____, 2005 _____ L.S.
Taher H. Haveliwala

Date _____, 2005 _____ L.S.
Glen Jeh

Date 1/24/05, 2005



Sepandar D. Karmali L.S.

Date 01/24/2005, 2005



Bilgehan Uygar Oztekin L.S.

Date _____, 2005

Mehran Sahami L.S.

MORGAN, LEWIS & BOCKIUS LLP DOCKET NO. 60963-5058-US

Date _____, 2005

Sepandar D. Kamvar L.S.

Date _____, 2005

Bilgehan Uygar Oztekin L.S.

Date January 21, 2005

Mehran Sahami
Mehran Sahami L.S.