#### PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
David L. Butcher	05/11/2006
Dan Moisa	05/11/2006
Wendy Tobagus	07/26/2006
Sunil Kosalge	07/24/2006

#### **RECEIVING PARTY DATA**

Name:	Google Inc.
Street Address:	1600 Amphitheatre Parkway
Internal Address:	Building 41
City:	Mountain View
State/Country:	CALIFORNIA
Postal Code:	94043-1351

### PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	13588636
Patent Number:	8271545

#### **CORRESPONDENCE DATA**

Fax Number: 4045725134

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

Phone: 404.572.4600

Email: evancamp@kslaw.com Correspondent Name: King & Spalding LLP Address Line 1: 1180 Peachtree Street Address Line 2: Robert T. Neufeld, 34th Floor Address Line 4: Atlanta, GEORGIA 30309

ATTORNEY DOCKET NUMBER: 13557.105099 & 105351

**PATENT** 

**REEL: 030757 FRAME: 0853** 

NAME OF SUBMITTER:	Robert T. Neufeld
Signature:	/Robert T. Neufeld/
Date:	07/09/2013
Total Attachments: 3 source=Google_Assignment#page1.tif source=Google_Assignment#page2.tif source=Google_Assignment#page3.tif	

PATENT REEL: 030757 FRAME: 0854

**JOINT** 

## ASSIGNMENT

resid	WHEREAS, WE, David L. Butcher, citizen of United States, residing in San Mateo, CA; Dan Moisa, citizen of Romania, ling in Mountain View, CA; Wendy Tobagus, citizen of Indonesia, residing in Mountain View, CA; Sunil Kosalge, citizen of India, ling in Union City, CA; ASSIGNORS, are the inventors of the invention in DATABASE PARTITIONING BY VIRTUAL RTITIONS, for which we have executed an application for a Patent of the United States
	which is executed on even date herewith
_	which is identified by Morgan, Lewis & Bockius LLP docket no. 60963-5217-US
_	which was filed on, Application No
×	I hereby authorize and request my attorney, Gary S. Williams, of Morgan, Lewis & Bockius LLP, to insert here in parenthesis (Application number 11/437,518, filed 5/18/2006) the filing date and application number of said application when known.
	WHEREAS, Google Inc., ASSIGNEE, having a place of business at 1600 Amphitheatre Pkwy., Building 41, Mountain View, CA 43-1351, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:
ASS said there appl Unit State othe of in	NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said SIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said SIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted een and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all ications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the set application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any r international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be ted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;
prote	AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property ection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in ordance with the terms of this instrument.
exec	AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not cuted, and will not execute, any agreement in conflict herewith.
exec	AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal esentatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, rute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the 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	May 11, 2006  David L. Butcher  L.S.  MAY 11  2006  David L. Butcher
Date	MAY 11 , 2006 Dan Moisa L.S.
Date	, 2006 L.S. Wendy Tobagus
Date	e, 2006

**JOINT** 

#### ASSIGNMENT

			ASSIGNMENT	
KOS.	mia, residing in Mountain View, CA; <b>W</b> ALGE, citizen of India, residing in Un	ENDY ' ion City	izen of United States, residing in San Mateo, CA; ITOBAGUS, citizen of Indonesia, residing in Mounty, CA; ASSIGNORS, are the inventors of the invehich we have executed an application for a Patent of the	tain View, CA; SUNIL rention in DATABASE
□ v	which is executed on even date her	ewith		
	hich is identified by Morgan, Lewis & Bock	ius LLP đ	locket no. 60963-5217-US	
_	which was filed on May 18, 2006, Application			
— ⊠ I (.	hereby authorize and request my attorney	. Gary S	S. Williams, of Morgan, Lewis & Bockius LLP, to i	nsert here in parenthesis of said application when
and W 94043	HEREAS, <b>Google Inc.</b> , ASSIGNEE, havi 3-1351, is desirous of obtaining our entire rig	ng a plac ht, title a	ce of business at 1600 Amphitheatre Pkwy., Building and interest in, to and under the said invention and the sa	41, Mountain View, CA id application:
ASSIC said U thereo applic Unite States other of inc	GNORS, have sold, assigned, transferred and GNEE, its successors, legal representatives a united States application and all divisions, remand all reissues and extensions thereof; ations for patents, utility models, and design d States, together with the right to file such a application under the Patent Laws of the U international agreement or the domestic law lustrial property protection, including, with	I set over and assignewals and all as which replication better the control of the	consideration, the receipt of which is hereby ackrer, and by these presents do hereby sell, assign, transfer agns, our entire right, title and interest in, to and under the document of the United State applications for industrial property protection, including may hereafter be filed for said invention in any country ones and the right to claim for the same the priority rights attest, the International Convention for the Protection of I country in which any such application is filed, as may be action, patents, utility models, inventors' certificates and to the United States and all extensions, renewals and respectively.	and set over, unto the said he said invention, and the ates which may be granted ng, without limitation, all or countries foreign to the derived from said United industrial Property, or any applicable; and all forms and designs which may be
protec	ountry or countries foreign to the United S	ates, wh	ommissioner of Patents and Trademarks of the United Stose duty it is to issue patents or other evidence or forme to the said ASSIGNEE, its successors, legal representations.	rms of industrial property
execu	AND WE HEREBY covenant and agree ted, and will not execute, any agreement in c	that we	have full right to convey the entire interest herein assig erewith.	ned, and that we have not
execu	entatives and assigns, any facts known to te all divisional, continuing, reissue and for ASSIGNEE, its successors, legal representative	is respecting apples and as	ree that we will communicate to the said ASSIGN cting said invention, and testify in any legal proceedin lications, make all rightful oaths, and generally do ever ssigns, to obtain and enforce proper protection for said in	g, sign all lawful papers, ything possible to aid the evention in all countries.
	IN TESTIMONY WHEREOF, We hereu	nto set oi	ur hands and seals the day and year set opposite our resp	ective signatures.
Date	, 2000	<del>D</del> A	AVID L. BUTCHER	L.S.
Date	, 2000	$\overline{\mathbf{D}}$	AN MOISA	L.S.
Date	07/26/06 ,2000	$\overline{\mathbf{W}}$	ENDY TOBAGUS	L.S.
Date	, 2000	$\overline{\mathbf{su}}$	JNIL KOSALGE	L.S.

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MORGAN, LEWIS & BOCKIUS LLP DOCKET NO. 60963-5217-US

JOINT

	ASSIGNMENT	DOM
KU	WHEREAS, WE, DAVID L. BUTCHER, citizen of United States, residing in San Mateo, CA; DAN MOISA, mania, residing in Mountain View, CA; WENDY TOBAGUS, citizen of Indonesia, residing in Mountain View, CA DSALGE, citizen of India, residing in Union City, CA; ASSIGNORS, are the inventors of the invention in DA'RTITIONING BY VIRTUAL PARTITIONS, for which we have executed an application for a Patent of the United States	· SHINIT.
	which is executed on even date herewith	
$\boxtimes$	which is identified by Morgan, Lewis & Bockius LLP docket no. 60963-5217-US	
$\boxtimes$	which was filed on May 18, 2006, Application No. 11/437,598	
⊠	I hereby authorize and request my attorney, Gary S. Williams, of Morgan, Lewis & Bockius LLP, to insert here in p (Application number, filed) the filing date and application number of said applications.	arenthesis tion when
and 940	WHEREAS, Google Inc., ASSIGNEE, having a place of business at 1600 Amphitheatre Pkwy., Building 41, Mountain 143-1351, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:	View, CA
ASS said ther appl Unit Stat othe of it	NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, SIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto SIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention I United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be ean and all reissues and extensions thereof; and all applications for industrial property protection, including, without limit lications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries fore ted States, together with the right to file such applications and the right to claim for the same the priority rights derived from set application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Proper international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which are dors and invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;	to the said in, and the be granted itation, all beign to the aid United ity, or any
prot	AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any (country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial tection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and a ordance with the terms of this instrument.	1 property
exec	AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we cuted, and will not execute, any agreement in conflict herewith.	have not
exec	AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its success esentatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawficute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all co	ul papers,
	IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures	3.
Date		
Date		
Date		
Date	. 07/24/ ,2006 L.S. SUNIL ROSALGE	

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PATENT REEL: 030757 FRAME: 0857

**RECORDED: 07/09/2013**