504170343 01/09/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4217021

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
HUICAN ZHU	09/30/2004
JEFFREY DEAN	09/30/2004
SANJAY GHEMAWAT	09/30/2004
BWOLEN PO-JEN YANG	10/11/2004
ANURAG ACHARYA	10/05/2004

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: 1

Property Type	Number	
Application Number:	15088670	

CORRESPONDENCE DATA

Fax Number: (612)332-8352

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.

Phone: 202-470-6450

Email: paralegal@effectualservices.com BRAKE HUGHES BELLERMANN LLP **Correspondent Name:**

Address Line 1: C/O CPA GLOBAL

Address Line 2: 900 SECOND AVENUE SOUTH, SUITE 600

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	0059-007004	
NAME OF SUBMITTER:	MELANIE GROVER	
SIGNATURE:	/Melanie Grover; Reg. No. 63599/	
DATE SIGNED:	01/09/2017	

PATENT REEL: 040907 FRAME: 0923 504170343

Total Attachments: 5 source=0059-007004_Executed Assignment#page1.tif source=0059-007004_Executed Assignment#page2.tif source=0059-007004_Executed Assignment#page3.tif source=0059-007004_Executed Assignment#page4.tif source=0059-007004_Executed Assignment#page5.tif

PATENT REEL: 040907 FRAME: 0924

		ASSIGNMENT			
WHEREAS, WE, Huiresiding in Menlo Park, Californ Yang, citizen of Taiwan, resid ASSIGNORS are the inventors of executed an application for a Part	nia; Sanjay Ghemawat ling in Sunnyvale, Cal of the invention in ANC	citizen of the United States ifornia; and Anurag Achai CHOR TAG INDEXING I	ya, citizen of India, residing	alifornia; Bwolen Po-Jen in Campbell, California,	
□ which is executed on	□ even date herewith	ı or			
which is identified by Morg	gan, Lewis & Bockius L	LP docket no. 60963-0007-U	JS .		
which was filed on July 3, 2	2003, Application No. 1	0/614,113			
We hereby authorize and parentheses (Application nowhen known.	request our attorney, cumber,	Gary S. Williams, of Morg) the filing	an, Lewis & Bockius, LLP, to date and application number of	o insert here in said application	
and WHEREAS, Google, Inc., 94043-1351, is desirous of obta					
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 coexecuted, and will not execute, a			the entire interest herein assign	ed, and that we have not	
AND WE HEREBY representatives and assigns, any execute all divisional, continuin said ASSIGNEE, its successors,	facts known to us resig, reissue and foreign a	pecting said invention, and applications, make all rightful	al oaths, and generally do every	s, sign all lawful papers, thing possible to aid the	
IN TESTIMONY WHI	EREOF, We hereunto se	et our hands and seals the day	and year set opposite our respe	ctive signatures.	
Date Sept	, 2004	Huican Zhu	か	L.S.	
Date	, 2004	Jeffrey Dean		L.S.	
Date	, 2004	Sanjary Ghemawat		L.S.	
Date	, 2004	Bwolen Po-Jen Yang		L.S.	

			ASSIGNMENT	
Yar ASS	ding in Menlo Park, California; Sanjay (Ghemawa iyvale, Ca ion in AN	China, residing in San Jose, California; Jeffrey Dean , citizen of the United States, residing in Mountain View, California; and Anurag Acharya , citizen of India, residing in CCHOR TAG INDEXING IN A WEB CRAWLER SYSTEMES	ornia; Bwolen Po-Je n Campbell, California
	which is executed on \Box even de	ate herewi	ith or	
×	which is identified by Morgan, Lewis &	Bockius	LLP docket no. 60963-0007-US	
×	which was filed on July 3, 2003, Applic	ation No.	10/614,113	
×	We hereby authorize and request our parentheses (Application number, when known.	attorney,	Gary S. Williams, of Morgan, Lewis & Bockius, LLP, to in filed) the filing date and application number of said	sert here in I application
and 940	WHEREAS, Google, Inc. , ASSIGNEE 43-1351, is desirous of obtaining our ent	, having tire right,	a place of business at 1600 Amphitheatre Pkwy., Building 41, title and interest in, to and under the said invention and the said ap	Mountain View, CA plication:
ASS said ther app Uni Stat other	SIGNORS, have sold, assigned, transferr SIGNEE, its successors, legal representa United States application and all division and all reissues and extensions the lications for patents, utility models, and atted States, together with the right to file es application under the Patent Laws of a rinternational agreement or the domesting including	ed and set tives and ns, renews ereof; and designs w such appl the Unite c laws of without	able consideration, the receipt of which is hereby acknowled over, and by these presents do hereby sell, assign, transfer and stassigns, our entire right, title and interest in, to and under the sales and continuations thereof, and all Patents of the United States we all applications for industrial property protection, including, we hich may hereafter be filed for said invention in any country or contications and the right to claim for the same the priority rights derived States, the International Convention for the Protection of Industrial Country in which any such application is filed, as may be applimitation, patents, utility models, inventors' certificates and deforeign to the United States and all extensions, renewals and reissurface.	set over, unto the said aid invention, and the which may be granted vithout limitation, all buntries foreign to the eved from said United strial Property, or any dicable; and all forms esigns which may be
prot	country or countries foreign to the Uni	ited States issue the	he Commissioner of Patents and Trademarks of the United States, whose duty it is to issue patents or other evidence or forms a same to the said ASSIGNEE, its successors, legal representations.	of industrial property
exe	AND WE HEREBY covenant and cuted, and will not execute, any agreement	agree tha	t we have full right to convey the entire interest herein assigned, ict herewith.	and that we have no
exe	esentatives and assigns, any facts know cute all divisional, continuing, reissue at	n to us r	d agree that we will communicate to the said ASSIGNEE, especting said invention, and testify in any legal proceeding, si applications, make all rightful oaths, and generally do everythin and assigns, to obtain and enforce proper protection for said inventions.	gn all lawful papers ng possible to aid the
	IN TESTIMONY WHEREOF, We	hereunto	set our hands and seals the day and year set opposite our respective	e signatures.
Dat	e	, 2004	Huican Zhu	L.S.
Dat	e <u>Sept.</u> 30	, 2004	Jeffrey Dean	L.S.
Dat	e	_, 2004	Sanjary Ghemawat	L.S.
Dot	0	2004		I S

Bwolen Po-Jen Yang

	ASSIGNMENT				
Yan ASS	WHEREAS, WE, Huican Zhu, citizen of China, residing in San Jose, California; Jeffrey Dean, citizen siding in Menlo Park, California; Sanjay Ghemawat, citizen of the United States, residing in Mountain View, California, citizen of Taiwan, residing in Sunnyvale, California; and Anurag Acharya, citizen of India, residing in SSIGNORS are the inventors of the invention in ANCHOR TAG INDEXING IN A WEB CRAWLER SYSTE ecuted an application for a Patent of the United States	fornia; Bwolen Po-Jen Campbell, California,			
	which is executed on				
×	which is identified by Morgan, Lewis & Bockius LLP docket no. 60963-0007-US				
×	which was filed on July 3, 2003, Application No. 10/614,113				
×	We hereby authorize and request our attorney, Gary S. Williams, of Morgan, Lewis & Bockius, LLP, to parentheses (Application number, filed) the filing date and application number of sa when known.	nsert here in id application			
and 940	d WHEREAS, Google, Inc., ASSIGNEE, having a place of business at 1600 Amphitheatre Pkwy., Building 41 043-1351, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said a	, Mountain View, CA pplication:			
ASS said ther app Uni Stat other	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.					
exe	AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned ecuted, and will not execute, any agreement in conflict herewith.	, and that we have not			
exe	AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE presentatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, ecute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everyth id ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said inventions.	sign all lawful papers, ing possible to aid the			
	IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respect	ve signatures.			
Dat	nte, 2004 Huican Zhu	L.S.			
Dat		L.S.			
Date	ate Sep 30, 2004 Sanjary Ghemawat)	L.S.			
Dat	te, 2004 Bwolen Po-Jen Yang	L.S.			

ASSIGNMENT

	ASSIGNMENT					
Yan ASS	WHEREAS, WE, Huican Zhu, citizen of China, residing in San Jose, California; Jeffrey Dean, citizen of the United States, ling in Menlo Park, California; Sanjay Ghemawat, citizen of the United States, residing in Mountain View, California; Bwolen Po-Jeng, citizen of Taiwan, residing in Sunnyvale, California; and Anurag Acharya, citizen of India, residing in Campbell, California, IGNORS are the inventors of the invention in ANCHOR TAG INDEXING IN A WEB CRAWLER SYSTEM, for which we have uted an application for a Patent of the United States					
	which is executed on					
×	which is identified by Morgan, Lewis & Bockius LLP docket no. 60963-0007-US					
×	which was filed on July 3, 2003, Application No. 10/614,113					
×	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.					
	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 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;					
prot	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 rdance 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 uted, 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 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						
Date						
Date	, 2004 L.S. Sanjary Ghemawat					
Date	L.S. Bwolen Po-Jen Yang					

1-PA/3516639.1

Date	10105/	, 2004	aurg	L.S
			Anurag Acharya —	

I-PA/3516639.1

PATENT REEL: 040203 FRANTE: 08292