503749774 03/23/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3796419

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANNA K. PATTERSON	06/01/2005

RECEIVING PARTY DATA

Name:	GOOGLE INC.
Street Address:	1600 AMPHITHEATRE PARKWAY
Internal Address:	SUITE 300
City:	MOUNTAIN VIEW
State/Country:	CALIFORNIA
Postal Code:	94043

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13801108

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: 2027800428

Email: tammy@brakehughes.com

Correspondent Name: BRAKE HUGHES BELLERMANN LLP

Address Line 1: C/O CPA GLOBAL
Address Line 2: PO BOX 52050

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	0058-026003	
NAME OF SUBMITTER:	MELANIE GROVER	
SIGNATURE:	/Melanie Grover; Reg. No. 63599/	
DATE SIGNED:	03/23/2016	

Total Attachments: 3

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PATENT 503749774 REEL: 038079 FRAME: 0652

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1 100	יייייי ז כעונוט פ	03022798	U.S. DEPARTMENT OF COMMERCE U.S. Patent And Trademark Office unts or copy thereof:
1. Name of conveying			of receiving party(ies):
Anna K. Patterson	puris(ios).	Name:	Google, Inc.
	conveying party(ies) attached?	Internal Address:	
Yes	No		
3. Nature of Conveyan		Street Address:	1600 Amphitheatre Parkway,
Assignment	Merger		Building 41
		City:	Mountain View
Security Agree Other:	ment Change of Name	State:	CA Zip: 94043
Conner:			s) & address(es) attached?
Execution Date:	Y 1. 2005	Yes	No
Execution Date.	June 1, 2005	L 103	23 140
A. Patent Applicat	tion No.(s): 11/043,695	B. Patent No.(s):	_
	Additional numbers	attached? Yes	⊠ No
	of party to whom correspondence nt should be mailed:	6. Total number of a	pplications and patents involved: 1
Name:	Robert Sachs	7. Total fee (37 CFR	3.41):
Internal Address:	Fenwick & West LLP	Check Enclose	sed
Street Address:	Silicon Valley Center 801 California Street	Fee Transmit	ttal Enclosed
City: Mountain View	State: CA Zip Code: 94041	deposit accor	
	DONOTH	8. Deposit Account	No.: 19-2555
		SE THIS SPACE	
9. Statement and signs			
To the best of my ka true copy of the orig	nowledge and belief, the foregoing infor	mation is true and corre	ect and any attached copy is a
•••	t Sachs		June 6, 2005
Name of Pe	rrson Signing 000148 192555 11043695 Total number of pages including c	Signature	Date
	00 09		
Mail documents to be recorder	I with required cover sheet information to: Mail Stup Assig Alexandria	ament Recordation Services, Directa , VA 22313-1450.	or of the U.S. Patent and Trademark Office, P.O. Box 1450,
Case Docket No.: 2420	7-09884		

24207/09884/SF/5144780.

PATENT REEL: 016685 FRAME: 0734

PATENT REEL: 038079 FRAME: 0653

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to Google, Inc., a Delaware corporation, having a place of business at 1600 Amphitheatre Parkway, Building 41, Mountain View, California 94043, ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

- 1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the provisional application filed under 35 U.S.C. §111(b) or non-provisional application filed under 35 U.S.C. §111(a) and entitled <u>MULTIPLE INDEX BASED INFORMATION RETRIEVAL SYSTEM</u> ("APPLICATION"), which:
 - is to be filed herewith.
 - was filed on **January 25, 2005**, and now bears U.S. application serial number 11/043,695.
 - The APPLICATION is a continuation-in-part and claims priority from parent application filed on July 26, 2004, now bearing US application serial number 10/900.021.
 - 2. The entire worldwide right, title, and interest in and to:
- (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not

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January 25, 2005

Application No.:

11/043,695

hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Name and Signature	Date of Signature	···
M	1 hal	, 2005
Anna L. Patterson	17.//	
State of	}	
County of Santa Clara	}ss. }	
On 1st use 5 before me,	Pavid Sheyman	, Notary Public,
personally appeared Anna. Patterson. p	ersonally known to me or proved	to me on the basis of
satisfactory evidence to be the person whose		
acknowledged to me that he executed the same	se in his authorized capacity, and t	hat by his signature on
the instrument the person, or the entity upon	behalf of which the person acted,	executed the

Notary Seal

instrument.



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RECORDED: 06/09/2005