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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
Olof Johansson	10/27/2012	

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:	13663280

CORRESPONDENCE DATA

Fax Number: 8013550160

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

Phone: 801-258-9835

Email: patents@patentlawworks.net

Correspondent Name: Kanda Isihihara, Patent Law Works LLP
Address Line 1: 165 South Main Street, 2nd Floor
Address Line 4: Salt Lake City, UTAH 84111

ATTORNEY DOCKET NUMBER: 10029-03319 US

NAME OF SUBMITTER: Kanda V. Ishihara

Total Attachments: 2

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OP \$40.00 1366

PATENT REEL: 029339 FRAME: 0482

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, Mountain View, CA 94043 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1.	The	entire	worldwid	e right,	title,	and	interest	in all	inventio	ns and
improvement	s ("SU	BJEC7	MATTE	R") that	are di	sclose	ed in the	provis	sional app	lication
filed under 3	5 U.S	S.C. §1	11(b) or 1	on-pro	visiona	l app	lication	filed	under 35	U.S.C.
§111(a) and	l enti	itled	ACCESS	CONT	ROL	US	ING S	SOCIA:	L NETY	WORK
ASSOCIATI	ONS	("APPI	ICATION	"), whic	h:					

M	having a filing date of October 29, 2012, and bearing U.S. application serial number $13/663,280$.
	The APPLICATION claims the benefit of a provisional application, filed on, now bearing U.S. application serial number

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.

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Title: Access Control Using Social Network Associations

Filed: October 29, 2012 Application No.: 13/663,280

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 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.

Olof Johansson

Date of Signature

Attorney Docket # 10029-03319 US

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