## PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Biswapesh Chattopadhyay	08/11/2011
Liang Lin	08/10/2011

#### 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:	13209567

#### CORRESPONDENCE DATA

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Mail.

Correspondent Name: J. R. Soderberg

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Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER: 16113-2789001

NAME OF SUBMITTER: J. Richard Soderberg

Total Attachments: 3

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Attorney's Docket No.: 16113-2789001

### ASSIGNMENT

For valuable consideration, we, BISWAPESH CHATTOPADHYAY of 965 E El Camino Real, Sunnyvale, CA 94087, LIANG LIN of 1555 W. Middlefield Road #117, Mountain View, CA 94043, of, hereby assign to: Google Inc., a corporation of Delaware having a place of business at: 1600 Amphitheatre Parkway, Mountain View, California 94043; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled JOINING TABLES IN A MAPREDUCE PROCEDURE, filed 8/15/2011, and assigned U.S. Serial Number 13/209,567, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment,

Attorney's Docket No.: 16113-2789001

BISWAPESH CHATTOPADHYAY

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Attorney's Docket No.: 16113-2789001

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