PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Aaron Spangler	05/28/2008
Matthew Wilson	05/28/2008

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:	12128592

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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

Phone: (404) 892-5005
Email: Padilla@fr.com
Correspondent Name: Andy Thomson

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER: | 16113-1083001

NAME OF SUBMITTER: Rebecca J. Padilla

Total Attachments: 2

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PATENT

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Attorney's Docket No.: 16113-1083001 Client's Ref. No.: GP-1608-00-US

ASSIGNMENT

For valuable consideration, we, <u>AARON SPANGLER</u> of <u>2218 127th Drive NE</u>, <u>Lake Stevens</u>, <u>WA 98528</u>, <u>MATTHEW WILSON</u> of <u>12018A 31st Avenue NE</u>, <u>Seattle</u>, <u>WA 98125</u>, 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 LOW POWER DISPLAY, filed May 23, 2003, and assigned U.S. Serial Number 12/128,592 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.: 16113-1083001 Client's Ref. No.: GP-1608-00-US

AARON SPANGLER

Witnessed by:

Signature

A Gustav Hartmann Typed or Printed Name

500 Wall St. #1005 Seattle WA 98121 Witness Address

MATTHEW WILSON

Witnessed by:

Signature

Signature

A Gustav Hartmann Typed or Printed Name

500 Wall St #1005

Witness Address

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RECORDED: 04/16/2009