

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Andrew John MACDONALD	05/19/2011
Jan SKOGLUND	05/19/2011
Bjorn VOLCKER	05/20/2011
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:	13112962
CORRESPONDENCE DATA	
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Correspondent Name:	Birch, Stewart, Kolasch & Birch, LLP
Address Line 1:	P. O. Box 747
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ATTORNEY DOCKET NUMBER:	6107-0163PUS1
NAME OF SUBMITTER:	Chad J. Billings
Total Attachments: 3	
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CH \$40.00 13112962

ASSIGNMENT

For valuable consideration, I, Andrew John MACDONALD of San Francisco, California, 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 me, entitled METHOD AND APPARATUS FOR REDUCING NOISE PUMPING DUE TO NOISE SUPPRESSION AND ECHO CONTROL INTERACTION, filed May 20, 2011, and assigned U.S. Serial Number 13/112,962; and

I 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

I authorize the Assignee to apply in all countries in my 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

I agree for me and my 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.

Witnessed by:

 AW
(Signature)

 MICHAEL SHENKER
(Typed or Printed Name)

 1622 Walnut str.
 Berkeley, CA, 94709
Witness Address

Date: 5/19/11

Name (Inventor):

 AW
(Signature)

 Andrew John MACDONALD
(Typed or Printed Name)

Date: May 19, 2011

ASSIGNMENT

For valuable consideration, I, Jan SKOGLUND of San Francisco, California, 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 me, entitled METHOD AND APPARATUS FOR REDUCING NOISE PUMPING DUE TO NOISE SUPPRESSION AND ECHO CONTROL INTERACTION, filed May 20, 2011, and assigned U.S. Serial Number 13/112,962; and

I 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

I authorize the Assignee to apply in all countries in my 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

I agree for me and my 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.

Name (Inventor):

Jan Skoglund
(Signature)

Jan SKOGLUND
(Typed or Printed Name)

Witnessed by:

Shahrestary Turaj
(Signature)

Turaj Lakizadeh Shabestary
(Typed or Printed Name)

2200 Pacific Ave. Apt 4B

San Francisco, CA 94115
Witness Address

Date:

5/19/2011

Date: 5/19/2011

ASSIGNMENT

For valuable consideration, I, Björn VOLCKER of Bromma, Sweden, 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 me, entitled METHOD AND APPARATUS FOR REDUCING NOISE PUMPING DUE TO NOISE SUPPRESSION AND ECHO CONTROL INTERACTION, filed May 20, 2011, and assigned U.S. Serial Number 13/112,962; and

I 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

I authorize the Assignee to apply in all countries in my 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

I agree for me and my 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.

Witnessed by:

Tina le Grand
(Signature)

Tina le Grand
(Typed or Printed Name)

Falkvägen 5
177 39 JARFALLA SVEDEV
Witness Address

Date: May 20, 2011

Name (Inventor):

Björn
(Signature)

Björn VOLCKER
(Typed or Printed Name)

Date: May 20, 2011