504571175 09/28/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4617885

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NOAM M. SHAZEER	03/08/2005
GEORGES HARIK	03/04/2005

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:	13280826

CORRESPONDENCE DATA

Fax Number: (502)561-0442

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: 5026252777

Email: cadams@middletonlaw.com Correspondent Name: MIDDLETON REUTLINGER Address Line 1: 401 S. 4TH STREET, SUITE 2600 Address Line 4: LOUISVILLE, KENTUCKY 40202

ATTORNEY DOCKET NUMBER:	ZS202-15440
NAME OF SUBMITTER:	SCOTT W. HIGDON
SIGNATURE:	/Scott W. Higdon/
DATE SIGNED:	09/28/2017

Total Attachments: 4

source=US11077571_Assignment#page1.tif source=US11077571_Assignment#page2.tif source=US11077571_Assignment#page3.tif source=US11077571_Assignment#page4.tif

> **PATENT REEL: 043730 FRAME: 0016**

504571175

Attorney's Docket No.: 7171P021

ASSIGNMENT

PATENT

(For Execution Prior To Filing Patent Application)

For good and valuable consideration, the	ne receipt of which is hereby acknowledged, <u>We</u>
the undersigned, Noam M. Shazeer and George	es Harik
hereby sell, assign, and transfer to Google, Inc	
a corporation of the State of Delaware	
1600 Amphitheatre Parkway, Mountain View, and its successors, assigns, and legal representational United States and all foreign countries, in and	CA 94043 , ("Assignee"), atives, the entire right, title, and interest for the to any and all improvements that are disclosed in the second by the undersigned prior hereto or
A METHOD AND AN APPARATUS TO PE	
prosecution applications, continuation-in-part reissue applications, reexaminations, extension be filed in the United States and all foreign continuations.	l applications, continuation applications, continued applications, substitute applications, renewal applications, is, and all other patent applications that have been or shall untries on any of said improvements; and in and to all on certificates, and extensions, that have been or shall be

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

issued in the United States and all foreign countries on said improvements; and in and to all rights of

priority resulting from the filing of said United States application;

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Rev. 01/01/2000 (A1)

		Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:
Each Inventor: P	case Sign <u>and Date</u> Below:	
	3	, 20
Date	Name: Noam M. Shazeer	3/4 20 <u>05</u> Date
<u>3/ </u>	Name: Georges Harik	.Jmc
, 2	Name:	* * * * * * * * * * * * * * * * * * *
Date 2	0 Name:	Date
, 2	0 Name:	
, 2	0Name:	Date 20
	Assignment Document Re	turn Address:
	SS. BLAKELY, SOKOLOFF 12400 Wilshire Blvd., Sev Los Angeles, CA 90025- (408) 720-8598	
the undersigned N [] personally known ename(s) executed it.	of	actory evidence to be the person(
Notary's S	ignature	

-2-

Rev. 01/01/2000 (A1)

Attorney's Docket No.: 7171P021

ASSIGNMENT

PATENT

(For Execution Prior To Filing Patent Application)

For good and valuable consideration, the receipt of which is hereby acknowledged, We

the undersigned, Noam M. Shazeer and Georges Harik

·
hereby sell, assign, and transfer to Google, Inc.
a corporation of the State of Delaware, having a place of business at
1600 Amphitheatre Parkway, Mountain View, CA 94043 , ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled
A METHOD AND AN APPARATUS TO PROVIDE A PERSONALIZED PAGE

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Rev. 01/01/2000 (A1)

PATENT REEL: 043730 FRAME: 0019

		Each inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:
Each Inventor: Please	Sign <u>and Date</u> Below:	
3/8 ,2005 Date	Name: Noam M. Shazeer	3/8 , 2005 Date
, 20 Date	Name: Georges Harik	, 20 Date
, 20 Date	Name:	, 20 Date
, 20 Date	Name:	, 20 Date
, 20 Date	Name:	, 20 Date
, 20 Date	Name:	, 20 Date
State of: County of:	Assignment Document Re	
County of:) SS. BLAKELT, SOKOLOFF, 12400 Wilshire Blvd., Sev. Los Angeles, CA 90025-1 (408) 720-8598	
the undersigned Notary P [] personally known to		tory evidence to be the person(s)

Rev. 01/01/2000 (A1)

executed it.

WITNESS my hand and official seal.

Notary's Signature