

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4558060

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	MOTOROLA MOBILITY LLC	10/28/2014
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	GOOGLE TECHNOLOGY HOLDINGS LLC	
<b>Street Address:</b>	1600 AMPHITHEATRE PARKWAY	
<b>City:</b>	MOUNTAIN VIEW	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	94043	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	15681193
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(312)474-6300	
<i>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.</i>		
<b>Phone:</b>	3124746300	
<b>Email:</b>	docket@marshallip.com	
<b>Correspondent Name:</b>	MARSHALL, GERSTEIN & BORUN LLP	
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<b>Address Line 2:</b>	SUITE 6300	
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60606	
<b>ATTORNEY DOCKET NUMBER:</b>	32331/5612-12C2	
<b>NAME OF SUBMITTER:</b>	NICK FAIRMAN	
<b>SIGNATURE:</b>	/Nick Fairman/	
<b>DATE SIGNED:</b>	08/21/2017	
<b>Total Attachments: 5</b>		
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## U.S. PATENT ASSIGNMENT

This PATENT ASSIGNMENT (the "ASSIGNMENT") dated as of October 28, 2014 is entered into by and between Motorola Mobility LLC ("ASSIGNOR") and Google Technology Holdings LLC ("ASSIGNEE").

### WITNESSETH:

WHEREAS, ASSIGNOR desires to assign to ASSIGNEE all of its right, title and/or interest in and to those patents and patent applications set forth in Schedule A hereto (all such patents and patent applications, whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, abandoned or the like, collectively, the "PATENTS AND PATENT APPLICATIONS").

WHEREAS, ASSIGNEE desires to obtain the entire right, title and interest in and to the PATENTS AND PATENT APPLICATIONS.

NOW, THEREFORE, in consideration of the good and valuable consideration received by ASSIGNOR from ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, the parties hereby agree as follows:

Section 1. Assignment. ASSIGNOR hereby assigns and transfers to ASSIGNEE, and ASSIGNEE hereby accepts, all of ASSIGNOR's right, title and interest throughout the world in, to and under the PATENTS AND PATENT APPLICATIONS, including the inventions claimed therein, and all reissuances, continuations, continuations-in-part, revisions, renewals, divisionals, extensions and reexaminations thereof, and any and all letters patent which may be granted therefor in any jurisdiction, and all rights of action, powers, and benefits arising from ownership of the PATENTS AND PATENT APPLICATIONS, for ASSIGNEE's own use and enjoyment, and for the use and enjoyment of ASSIGNEE's successors, assigns and other legal representatives, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR if this ASSIGNMENT had not been made, including, in each case:

(a) the right to sue and recover for damages or other compensation and the right to sue and obtain other legal and equitable remedies in respect of all causes of action arising before, on, or after the date of this ASSIGNMENT, including in respect of past, present or future infringements, and the right to fully and entirely stand in the place of the ASSIGNOR in all matters related thereto; and ASSIGNOR hereby also assigns and transfers to ASSIGNEE any claims for past use or infringement of the PATENTS AND PATENT APPLICATIONS, including claims for damages and accounting under applicable law;

(b) the right to file and prosecute in its own name, wherever so permitted by law, patent applications, including corresponding applications, based on any of the PATENTS AND PATENT APPLICATIONS and to prosecute, make filings with respect to, register, defend and maintain the PATENTS AND PATENT APPLICATIONS before any patent office and governmental authority, including by filing reissues, reexaminations, divisionals, continuations, continuations-in-part, substitutes, extensions and all other applications relating thereto; and

(c) the right to claim priority to any of the PATENTS AND PATENT APPLICATIONS pursuant to the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes.

ASSIGNOR retains no ownership rights in the PATENTS AND PATENT APPLICATIONS and the rights transferred to ASSIGNEE hereunder.

Section 2. Patent Rights. ASSIGNEE may apply for and receive patents in its own name in respect of the PATENTS AND PATENT APPLICATIONS wherever so permitted by law.

Section 3. General. As used in this ASSIGNMENT, the words "herein," "hereof" and "hereunder" and other words of similar import refer to this ASSIGNMENT as a whole, as the same may from time to time be amended or supplemented and not to any particular subdivision contained in this ASSIGNMENT. The word "including" when used herein is not intended to be exclusive, or to limit the generality of the preceding words, and means "including, without limitation." This ASSIGNMENT shall be binding upon and shall inure to the benefit of the parties and their respective successors and assigns. This ASSIGNMENT shall be governed by, and construed in accordance with, the laws of the United States in respect to patent issues and in all other respects by the laws of the State of California, without giving effect to the conflict of laws rules thereof. This ASSIGNMENT may be signed in counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

IN WITNESS WHEREOF, ASSIGNOR has caused this ASSIGNMENT to be executed by its duly authorized representative on this 28 day of October, 2014.

Motorola Mobility LLC

By: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

State of California

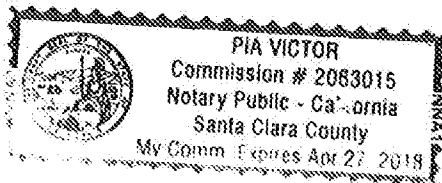
County of Santa Clara

On October 28, 2014 before me personally appeared Kenneth Yi who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(Seal)



\_\_\_\_\_  
Notary Public

My commission expires: 4/27/18

*Signature page to the U.S. Patent Assignment*

ASSIGNEE hereby accepts receipt of the entire right, title and interest in and to the PATENTS AND PATENT APPLICATIONS.

Google Technology Holdings LLC

By: 

Printed Name: Kenneth Yi

Title: Assistant Secretary

Date: 10/28/14

State of California

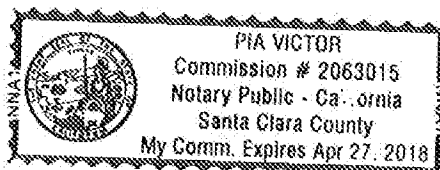
County of Santa Clara

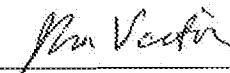
On October 28, 2014, before me personally appeared Kenneth Yi, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(Seal)



  
Notary Public  
My commission expires: 4/27/18

Signature page to the U.S. Patent Assignment

## Schedule A

Client No.	Matter No.	App. No.	Filed	Title
GP-114888-00-US	114888-00	14/464,789	8/21/2014	SYSTEMS AND METHODS FOR EQUALIZING A SPEAKER BASED ON SENSOR DATA
GP-5612-00-US	5612-00	13/715,272	12/14/2012	SYSTEM AND METHODS FOR MANAGING UPDATES TO APPLICATIONS
GP-5612-12-PR	CS41403P	61/816,972	4/29/2013	SYSTEMS AND METHODS FOR SYNCRONIZING MULTIPLE ELECTRONIC DEVICES
GP-5612-12-US	CS41403	13/945,493	7/18/2013	SYSTEMS AND METHODS FOR SYNCRONIZING MULTIPLE ELECTRONIC DEVICES
GP-5612-16-PR	CS41517P	61/820,486	5/7/2013	METHOD AND ASSEMBLY FOR ADDITIVE MANUFACTURING
GP-5612-16-US	CS41517	13/910,336	6/5/2013	METHOD AND ASSEMBLY FOR ADDITIVE MANUFACTURING
GP-5612-26-PR	21187-00P	61/867,307	8/19/2013	Electrostatic Speaker
GP-5612-32-PR	CS41613P	61/874,716	9/6/2013	INTERACTIVE ELECTRONIC DEVICE PACKAGING ASSEMBLIES, METHODS AND SYSTEMS
GP-5612-32-US	CS41613	14/174,534	2/6/2014	INTERACTIVE ELECTRONIC DEVICE PACKAGING ASSEMBLIES, METHODS AND SYSTEMS