

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3088507

<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	10/29/2014
<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>
<b>Application Number:</b>	08729207
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(281)970-4503
<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>	2819704545
<b>Email:</b>	docket@fyiplaw.com
<b>Correspondent Name:</b>	FLETCHER YODER PC
<b>Address Line 1:</b>	P.O. BOX 66289
<b>Address Line 4:</b>	HOUSTON, TENNESSEE 77269-2289
<b>ATTORNEY DOCKET NUMBER:</b>	GOOGLE/MOTOROLA MOBILITY
<b>NAME OF SUBMITTER:</b>	MICHAEL G. FLETCHER
<b>SIGNATURE:</b>	/Michael G. Fletcher/
<b>DATE SIGNED:</b>	10/30/2014
<b>Total Attachments: 6</b>	
source=Assignment_MMLLC-to-GTH_29OCT2014#page1.tif	
source=Assignment_MMLLC-to-GTH_29OCT2014#page2.tif	
source=Assignment_MMLLC-to-GTH_29OCT2014#page3.tif	
source=Assignment_MMLLC-to-GTH_29OCT2014#page4.tif	
source=Assignment_MMLLC-to-GTH_29OCT2014#page5.tif	
source=Assignment_MMLLC-to-GTH_29OCT2014#page6.tif	

## U.S. PATENT ASSIGNMENT

This PATENT ASSIGNMENT (the "ASSIGNMENT") dated as of October 29, 2014, is entered into by and between Motorola Mobility LLC (formerly Motorola Mobility, Inc.), a corporation organized under the laws of Delaware, having a place of business at 222 W. Merchandise Mart Plaza, Suite 1800, Chicago, IL 60654, United States of America (formerly of 600 North US Highway 45, Libertyville, IL 60048, United States of America) ("ASSIGNOR") and Google Technology Holdings LLC, a corporation organized under the laws of Delaware, having a place of business at 1600 Amphitheatre Parkway, Mountain View, CA 94043, United States of America ("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.

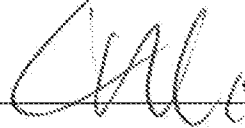
Section 2. Patent Rights. ASSIGNEE may apply for and receive patents in its own name in respect of the PATENTS AND PATENT APPLICATIONS wherever so permitted by law.

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 29 day of October, 2014.

Motorola Mobility LLC

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



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

Kenneth Yi

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

Assistant Secretary

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

October 29, 2014

State of California

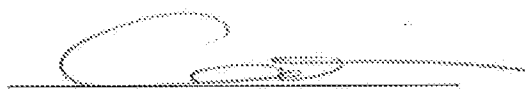
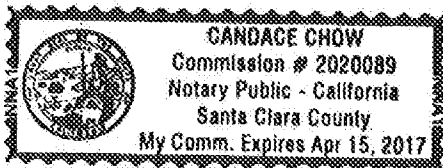
County of Santa Clara

On Oct. 29, 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

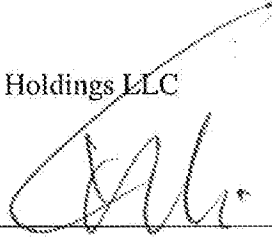
My commission expires: Apr. 15, 2017

*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: \_\_\_\_\_

October 29, 2014

State of California

County of \_\_\_\_\_

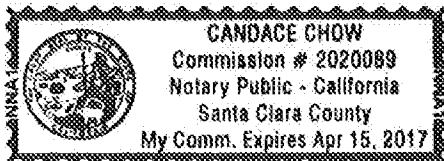
Santa Clara

On Oct 29, 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: Apr. 15, 2017

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

**SCHEDULE A**

See attached.

Schedule A

Index	DOC NUMBER	PATENT NUMBER	PATENT NUMBER	PATENT NUMBER	Publication Number	Application Number	COUNTRY	Title
1	CR00005X	40264	5502839			07/661,738	USA	OBJECT-ORIENTED SOFTWARE ARCHITECTURE SUPPORTING INPUT/ OUTPUT DEVICE INDEPENDENCE
2	CS10492	45515	6470180			09/638,182	USA	EXPLOITING A BROADCAST SYSTEM TO ENHANCE A WIRELESS GAMING EXPERIENCE
3	CS10709	45671	6982590		US-2004-0017300-A1	10/206,503	USA	PORTABLE COMMUNICATION DEVICE AND CORRESPONDING METHOD OF OPERATION
4	D02578	54512	6958759		US20030043149A1	09/941,512	USA	METHOD AND APPARATUS FOR PRESERVING ENLARGING AND SUPPLEMENTING IMAGE CONTENT DISPLAYED IN A GRAPHICAL USER INTERFACE
5	IS01586TC	101273	7383993		US2005025259A1	11/116,528	USA	SYSTEM AND METHOD FOR MANAGING CONTENT BETWEEN DEVICES IN VARIOUS DOMAINS
6	PT01367U	67822	5784001			09/898,640	USA	METHOD AND APPARATUS FOR PRESENTING GRAPHIC MESSAGES IN A DATA COMMUNICATION RECEIVER
7	PT01808U	68363	5738583			08/594,602	USA	INTERACTIVE WIRELESS GAMING SYSTEM
8	5F0013.01	91422	6686931			09/933,618	USA	GRAPHICAL PASSWORD METHODOLOGY FOR A MICROPROCESSOR DEVICE ACCEPTING NON-ALPHANUMERIC USER INPUT
9	CAS0095D	8955	6757544		US20050050075A1	09/930,049	USA	SYSTEM AND METHOD FOR DETERMINING A LOCATION RELEVANT TO A COMMUNICATION DEVICE AND/OR ITS ASSOCIATED USER
10	CM014211	33148	7106358		US-2004-0130614-A1	10/331,697	USA	A METHOD SYSTEM AND APPARATUS FOR TELEPRESENCE COMMUNICATIONS
11	CM03762H	35399	6408176			09/114,508	USA	METHOD AND APPARATUS FOR INITIATING A COMMUNICATION IN A COMMUNICATION SYSTEM
12	PD05514AW	63669	5754899			08/574,727	USA	METHOD AND APPARATUS FOR COMMUNICATING AN OPTIMIZED REPLY
13	PT03730U	70143	6983370		US20050101343A1	09/995,338	USA	SYSTEM FOR PROVIDING CONTINUITY BETWEEN MESSAGING CLIENTS AND METHOD THEREFOR
14	D02951	54936	7162094		US20040096109A1	10/301,076	USA	FREQUENCY DEPENDENT SCANNING PATHS FOR DIGITAL VIDEO CONTENT
15	PF01596NA	64726	6272333			09/096,664	USA	METHOD AND APPARATUS IN A WIRELESS COMMUNICATION SYSTEM FOR CONTROLLING A DELIVERY OF DATA
16	CE02557R	14370	5319712			08/112,780	USA	METHOD AND APPARATUS FOR PROVIDING CRYPTOGRAPHIC PROTECTION OF A DATA STREAM IN A COMMUNICATION SYSTEM
17	CM00957H	31536	5357571			08/084,119	USA	A METHOD FOR POINT-TO-POINT COMMUNICATIONS WITHIN SECURE COMMUNICATION SYSTEMS
18	D03001	54864	8980596		US20030099292A1	10/501,290	USA	MACROBLOCK LEVEL ADAPTIVE FRAME/FIELD CODING FOR DIGITAL VIDEO CONTENT
19	D03001	99793	7310376		US20050123043A1	11/026,594	USA	MACROBLOCK LEVEL ADAPTIVE FRAME/FIELD CODING FOR DIGITAL VIDEO CONTENT
20	D03001	99795	7310375		US20050114550A1	11/027,626	USA	MACROBLOCK LEVEL ADAPTIVE FRAME/FIELD CODING FOR DIGITAL VIDEO CONTENT
21	D03001	99796	7310374		US20050117650A1	11/027,265	USA	MACROBLOCK LEVEL ADAPTIVE FRAME/FIELD CODING FOR DIGITAL VIDEO CONTENT
22	GE02962	57584	6069896			08/729,207	USA	CAPABILITY ADDRESSABLE NETWORK AND METHOD THEREFOR