

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3118213

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
MOTOROLA MOBILITY LLC	10/28/2014

**RECEIVING PARTY DATA**

<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

**PROPERTY NUMBERS Total: 48**

Property Type	Number
Application Number:	12574365
Application Number:	12477104
Application Number:	10306494
Application Number:	61186498
Application Number:	12814554
Application Number:	09942010
Application Number:	61057583
Application Number:	12474259
Application Number:	12342202
Application Number:	60914423
Application Number:	11843312
Application Number:	11760035
Application Number:	11962953
Application Number:	11316493
Application Number:	11358612
Application Number:	60674019
Application Number:	11321210
Application Number:	61057572
Application Number:	12207820
Application Number:	09664618
Application Number:	10153445

PATENT

Property Type	Number
Application Number:	13528922
Application Number:	13675359
Application Number:	13534145
Application Number:	13681835
Application Number:	61525184
Application Number:	13588885
Application Number:	13528911
Application Number:	13329702
Application Number:	13672691
Application Number:	13303236
Application Number:	13285271
Application Number:	61490783
Application Number:	13170261
Application Number:	61466630
Application Number:	13429266
Application Number:	61430150
Application Number:	13342483
Application Number:	13219741
Application Number:	13172362
Application Number:	61361756
Application Number:	13177522
Application Number:	12975972
Application Number:	61347079
Application Number:	13113590
Application Number:	12020183
Application Number:	12263922
Application Number:	11346795

**CORRESPONDENCE DATA**

Fax Number: (216)696-8731

*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: 216-696-8730

Email: epas@thepatentattorneys.com

Correspondent Name: AMIN, TUROCY & WATSON, LLP

Address Line 1: 127 PUBLIC SQUARE, 57TH FLOOR, KEY TOWER

Address Line 4: CLEVELAND, OHIO 44114

NAME OF SUBMITTER:	HIMANSHU S. AMIN
SIGNATURE:	/Himanshu S. Amin/
DATE SIGNED:	11/21/2014

**PATENT**

**Total Attachments: 7**

source=Assignment#page1.tif

source=Assignment#page2.tif

source=Assignment#page3.tif

source=Assignment#page4.tif

source=Assignment#page5.tif

source=Assignment#page6.tif

source=Assignment#page7.tif

## 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:

*[Handwritten Signature]*

Printed Name:

Kenneth Yi

Title:

Assistant Secretary

Date:

10/28/14

State of California

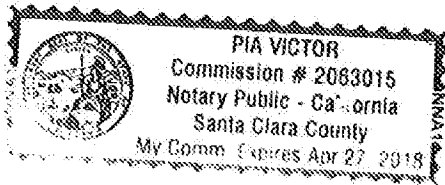
County of Santa Clara

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)



*[Handwritten Signature]*

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: \_\_\_\_\_

*[Handwritten Signature]*

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

*Kenneth Yi*

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

*Assistant Secretary*

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

*10/28/14*

State of California

County of *Santa Clara*

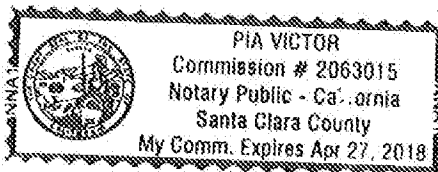
On *October 28, 2014*, before me personally appeared *Kenneth Yi*, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature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

*[Handwritten Signature]*



Notary Public

My commission expires: *4/27/18*

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

**SCHEDULE A**

[See following page]



Schedule A

Index	DOCKET NUMBER	PATENT MASTER#	Patent Number	Publication Number	Application Number	COUNTRY	TITLE
16891	CM107402		129940	US20110083189A1	12/574,365	USA	SYSTEM AND METHOD FOR ENFORCING DIGITAL RIGHTS MANAGEMENT RULES
16890	CM107391		128921	US20100306548A1	12/477,104	USA	SYSTEM AND METHOD FOR SECURING THE LIFE-CYCLE OF USER DOMAIN RIGHTS OBJECTS
16677	CM1005185		39790	US20040103312A1	10/306,494	USA	DOMAIN-BASED DIGITAL RIGHTS MANAGEMENT SYSTEM WITH EASY AND SECURE DEVICE ENROLLMENT
16130	BCS05754		129712		61/186,498	USA	OCSP PROXY IN HOME NETWORK
16131	BCS05754		133302	US20100318791A1	12/814,554	USA	CERTIFICATE STATUS INFORMATION PROTOCOL (CSIP) PROXY AND RESPONDER
13445	CR00286M		41380		60/284,739	USA	SECURE FRAMEWORK FOR MANAGING DIGITAL CONTENT
13444	CR00286M		41379	US20020157002A1	09/942,010	USA	SYSTEM AND METHOD FOR SECURE AND CONVENIENT MANAGEMENT OF DIGITAL ELECTRONIC CONTENT
16070	BCS05128		125106		61/057,583	USA	KEY GENERATION APPROACH FOR PVR
16071	BCS05128		129476	8462954	12/474,259	USA	ENT ENCRYPTION USING AT LEAST ONE CONTENT PRE-KEY
16056	BCS04946		126466	US20100162414A1	12/342,202	USA	DIGITAL RIGHTS MANAGEMENT FOR DIFFERING DOMAIN SIZE RESTRICTIONS
16037	BCS04649		113640		60/914,423	USA	IPRM LICENSE FORMAT
16038	BCS04649		120608	US20080270311A1	11/843,312	USA	METHOD AND APPARATUS FOR COMPOSING A DIGITAL RIGHTS MANAGEMENT LICENSE FORMAT
16010	BCS04359B		108553		60/812,447	USA	EFFICIENT USE OF TRUSTED THIRD PARTIES FOR ADDITIONAL CONTENT-SHARING SECURITY
16011	BCS04359B		114290	US20080005034A1	11/760,035	USA	METHOD AND APPARATUS FOR EFFICIENT USE OF TRUSTED THIRD PARTIES FOR ADDITIONAL CONTENT-SHARING SECURITY
16007	BCS04343		121028	US20090165101A1	11/962,953	USA	DOMAIN MEMBERSHIP RIGHTS OBJECT
15995	BCS04091		109081	US20080015997A1	11/457,219	USA	METHOD AND APPARATUS FOR SECURELY MOVING AND RETURNING DIGITAL CONTENT
15986	BCS03965		102482		60/686,670	USA	AUTHORIZATION FOR OMA DRM RIGHTS ISSUERS
15987	BCS03965		105400	US20070168293A1	11/316,493	USA	METHOD AND APPARATUS FOR AUTHORIZING RIGHTS ISSUERS IN A CONTENT SYSTEM
15982	BCS03945		126667	US20100123822A1	12/271,160	USA	METHOD FOR CONVERTING BETWEEN DISPLAY INFORMATION SCALES
15980	BCS03940		102395		60/688,533	USA	IMPORTANT FUNCTIONS FOR OPEN MOBILE ALLIANCE (OMA) DIGITAL RIGHTS MANAGEMENT (DRM)
15981	BCS03940		106453	US20060282391A1	11/358,612	USA	METHOD AND APPARATUS FOR TRANSFERRING PROTECTED CONTENT BETWEEN DIGITAL RIGHTS MANAGEMENT SYSTEMS
15973	BCS03873		101144		60/674,019	USA	IP RIGHTS MANAGEMENT (IPRM) SYSTEM SUPPORTING DIGITAL OUTPUTS AND CONTENT PROTECTION TECHNOLOGIES
15974	BCS03873		105478	US20060242069A1	11/321,210	USA	DIGITAL RIGHTS MANAGEMENT FOR LOCAL RECORDING AND HOME NETWORK DISTRIBUTION
15894	SB108147		125005		61/057,572	USA	DEVICE AND METHOD FOR IDENTIFYING A CERTIFICATE FOR MULTIPLE IDENTITIES OF A USER
15895	SB108147		126572	US20090300344A1	12/207,820	USA	DEVICE AND METHOD FOR IDENTIFYING A CERTIFICATE FOR MULTIPLE IDENTITIES OF A USER
15764	NSP00007		63154		60/155,500	USA	REMOTELY CONFIGURABLE MULTIMEDIA ENTERTAINMENT AND INFORMATION SYSTEM FOR VEHICLES
15763	NSP00007		63153	6799201	09/664,618	USA	REMOTELY CONFIGURABLE MULTIMEDIA ENTERTAINMENT AND INFORMATION SYSTEM FOR VEHICLES

15669	DO2629	54558	7356687	US20030221099A1	10/153,445	USA	ASSOCIATION OF SECURITY PARAMETERS FOR A COLLECTION OF RELATED STREAMING PROTOCOLS
15015	CS40207	137666			13/528,922	USA	PRIVACY MANAGER FOR RESTRICTING CORRELATION OF META-CONTENT HAVING PROTECTED INFORMATION BASED ON PRIVACY
14978	CS40064	137770			13/675,359	USA	DYNAMIC BUFFER MANAGEMENT FOR A MULTIMEDIA CONTENT DELIVERY SYSTEM
14707	CS39163	136782		US20140002736A1	13/534,145	USA	DETERMINING THE LOCATION OF A POINT OF INTEREST IN A MEDIA STREAM THAT INCLUDES CAPTION DATA
14706	CS39158	140200			61/812,252	USA	
14705	CS39158	137689			13/681,835	USA	METHOD AND APPARATUS FOR STREAMING MEDIA CONTENT TO CLIENT DEVICES
14701	CS39150	136106			61/525,184	USA	INTERFACE AND METADATA USED FOR TRANSCODER AIDED SEGMENTATION ON ADAPTIVE STREAMING
14702	CS39150	138186		US20130064283A1	13/588,885	USA	ENCODER-AIDED SEGMENTATION FOR ADAPTIVE STREAMING
14666	CS39043	137219			13/528,911	USA	CONTENT RIGHTS PROTECTION WITH ARBITRARY CORRELATION OF SECOND CONTENT
14634	CS38960	136152		US20130159455A1	13/329,702	USA	METHOD AND APPARATUS FOR DETERMINING A MULTIMEDIA REPRESENTATION FOR A MULTIMEDIA ASSET DELIVERED TO A CLIENT DEVICE
14612	CS38928	136485			13/672,691	USA	METHOD OF STREAMING MULTIMEDIA DATA OVER A NETWORK PRESENTING ALTERNATIVE MEDIA CONTENT BASED ON ENVIRONMENTAL FACTORS
14564	CS38647	136675		US20130132521A1	13/303,236	USA	SYSTEM AND METHOD FOR TRANSPORT STREAM SYNC BYTE DETECTION WITH TRANSPORT STREAM HAVING MULTIPLE EMULATED SYNC BYTES
14532	CS38466	135802		US20130107118A1	13/285,271	USA	METHOD AND SYSTEM FOR REGISTERING A DRM CLIENT
14464	CS38319	135758			61/490,783	USA	METHOD AND SYSTEM FOR REGISTERING A DRM CLIENT
14465	CS38319	135869		US20120303951A1	13/170,261	USA	SECURE LIVE STREAMING WITH DIGITAL RIGHTS MANAGEMENT (DRM) KEY DELIVERY
14460	CS38317	135349			61/466,630	USA	SYSTEM AND METHODS FOR PROVIDING LIVE STREAMING CONTENT USING DIGITAL RIGHTS MANAGEMENT-BASED KEY MANAGEMENT
14461	CS38317	137426		US20120246462A1	13/429,266	USA	AN ARCHITECTURE THAT ENABLES SECURE LIVE STREAMING USING HTTP LIVE STREAMING (HLS) PROTOCOL
14450	CS38304	135001			61/430,150	USA	SECURE LIVE TELEVISION STREAMING
14451	CS38304	136975		US20120170741A1	13/342,483	USA	CONTROLLING CONTENT ACCESS AND RELATED ACTIONS ON A DLNA NETWORK
14355	CS38043	135937		US20130055303A1	13/219,741	USA	ENCODING AND/OR DECODING 3D INFORMATION
14326	CS37886	135119		US20130002812A1	13/172,362	USA	Cross DRM Domain Control
14305	CS37801	133533			61/361,756	USA	Cross DRM Domain Control
14306	CS37801	135889		US20120011571A1	13/177,522	USA	Cross DRM Domain Control
14294	CS37754	134094		US20120166799A1	12/975,972	USA	SYSTEM AND METHOD FOR SECURELY MOVING CONTENT
14281	CS37727	133025			61/347,079	USA	METHOD OF SUPPORTING ACCESS MODELS IN DRM CLIENTS WITH INTERMITTENT NETWORK ACCESS
14282	CS37727	135731		US20110289592A1	13/113,590	USA	DIGITAL RIGHTS MANAGEMENT WITH IRREGULAR NETWORK ACCESS
13924	CS34561CS	123506		US20090193523A1	12/020,183	USA	PRIVACY PREVENTION IN DIGITAL RIGHTS MANAGEMENT SYSTEMS
13750	CS284295TARS	110569		US20080109656A1	11/557,591	USA	METHOD AND APPARATUS FOR ENABLING CONTENT TO BE SHARED AMONG MULTIPLE DEVICES IN A SECURE ENVIRONMENT
13751	CS284295TARS	127259		US20090055992A1	12/263,922	USA	METHOD AND APPARATUS FOR ENABLING CONTENT TO BE SHARED AMONG MULTIPLE DEVICES IN A SECURE ENVIRONMENT
13728	CS27745R1	106338	7526451	US20070198419A1	11/346,795	USA	METHOD OF TRANSEERRING DIGITAL RIGHTS

PATENT