

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
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Name:	MOTOROLA MOBILITY LLC	
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State/Country:	ILLINOIS	
Postal Code:	60048	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15377338
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NAME OF SUBMITTER:	LORI L. STEWART	
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DATE SIGNED:	12/13/2016	
Total Attachments: 29		
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SCHEDULE A

No.	Application Number	Filing Date	Patent Number	Issue Date	Country
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4	09/663551	9/18/2000	7064772	6/20/2006	USA
5	09/663554	9/18/2000	6904460	6/7/2005	USA
6	09/664179	9/18/2000	6836806	12/28/2004	USA
7	11/077814	3/11/2005	7747772	6/29/2010	USA
8	09/664148	9/18/2000	6879998	4/12/2005	USA
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13	11/143428	6/1/2005	8010985	8/30/2011	USA
14	11/258309	10/25/2005	8144719	3/27/2012	USA
15	11/652924	1/12/2007	7924456	4/12/2011	USA
16	11/652931	1/12/2007	8145869	3/27/2012	USA
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22	11/037439	1/18/2005	8351514	1/8/2013	USA
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25	10/775907	2/10/2004	7418011	8/26/2008	USA
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91	11/616347	12/27/2006	7653130	1/26/2010	USA
92	11/316493	12/22/2005			USA
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117	11/470034	9/5/2006	7742697	6/22/2010	USA
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132	11/609589	12/12/2006	8044989	10/25/2011	USA
133	11/685616	3/13/2007	7389010	6/17/2008	USA
134	11/465011	8/16/2006	7257280	8/14/2007	USA
135	11/468974	8/31/2006	7542422	6/2/2009	USA
136	11/625417	1/22/2007	7397402	7/8/2008	USA
137	11/746370	5/9/2007	8346930	1/1/2013	USA
138	11/614259	12/21/2006	7974404	7/5/2011	USA
139	11/612832	12/19/2006	7271948	9/18/2007	USA
140	11/737813	4/20/2007	7911513	3/22/2011	USA
141	11/753289	5/24/2007	8284761	10/9/2012	USA
142	11/829131	7/27/2007	8159962	4/17/2012	USA
143	11/829134	7/27/2007	8018872	9/13/2011	USA
144	11/616948	12/28/2006			USA
145	11/962953	12/21/2007			USA
146	11/739868	4/25/2007	8140439	3/20/2012	USA
147	12/101950	4/11/2008			USA
148	11/760035	6/8/2007			USA
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150	11/614330	12/21/2006			USA
151	11/616952	12/28/2006	7362498	4/22/2008	USA
152	11/947902	11/30/2007			USA
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155	13/654327	10/17/2012			USA
156	11/747584	5/11/2007	8316302	11/20/2012	USA
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158	11/734494	4/12/2007	7973721	7/5/2011	USA
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161	11/752781	5/23/2007	7873285	1/18/2011	USA
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163	11/740690	4/26/2007	7805137	9/28/2010	USA
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165	11/951815	12/6/2007			USA
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178	12/337269	12/17/2008			USA
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182	12/059081	3/31/2008	7792165	9/7/2010	USA
183	11/969036	1/3/2008			USA
184	12/471852	5/26/2009	8379632	2/19/2013	USA
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186	12/144413	6/24/2008	8325711	12/4/2012	USA
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204	12/489005	6/22/2009			USA
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216	12/345010	12/29/2008			USA
217	12/643263	12/21/2009			USA
218	12/620867	11/18/2009			USA
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220	12/344997	12/29/2008			USA
221	12/345002	12/29/2008	8185049	5/22/2012	USA
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228	12/640630	12/17/2009			USA
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230	12/643252	12/21/2009			USA
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233	12/982934	12/31/2010			USA
234	12/623516	11/23/2009			USA
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237	12/960610	12/6/2010			USA
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259	12/749130	3/29/2010			USA
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261	12/849308	8/3/2010			USA
262	12/974959	12/21/2010			USA
263	12/975003	12/21/2010			USA
264	12/964452	12/9/2010			USA
265	12/854922	8/12/2010	8370626	2/5/2013	USA
266	12/854920	8/12/2010			USA
267	12/854925	8/12/2010			USA
268	12/981951	12/30/2010			USA
269	12/952781	11/23/2010			USA
270	12/874825	9/2/2010			USA
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272	13/186603	7/20/2011			USA
273	13/237452	9/20/2011			USA
274	12/962306	12/7/2010			USA
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276	12/976009	12/22/2010			USA
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278	12/961455	12/6/2010			USA
279	13/619156	9/14/2012			USA
280	12/982935	12/31/2010	8272024	9/18/2012	USA
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282	13/011549	1/21/2011			USA
283	13/011523	1/21/2011			USA
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287	13/021380	2/4/2011			USA
288	13/021384	2/4/2011			USA
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291	13/080301	4/5/2011			USA
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318	12/129775	5/30/2008	8073243	12/6/2011	USA
319	12/129745	5/30/2008			USA
320	11/962934	12/21/2007	8401244	3/19/2013	USA
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1001	13/831074	3/14/2013			USA

ASSIGNMENT

WHEREAS, **General Instrument Holdings, Inc.**, a corporation organized under the laws of Delaware, having a place of business at 1600 Amphitheatre Parkway, Mountain View, CA 94043 ("ASSIGNOR"), is the owner of right, title and interest in and to (a) the patents and/or patent applications listed in the attached Schedule A (the "LISTED PATENTS"), (b) any patents or patent applications (i) to which any of the LISTED PATENTS claims priority, (ii) that include a claim of priority to any patent or patent application to which any of the LISTED PATENTS claims priority, (iii) for which any of the LISTED PATENTS forms a basis for priority, and/or (iv) that form a basis for priority for any patent or patent application for which any of the LISTED PATENTS also forms a basis for priority; (c) reissues, reexaminations, extensions, continuations, continuations in part (if filed by or for ASSIGNEE), continuing prosecution applications, requests for continuing examinations, divisions, and registrations of any item in any of the foregoing categories (a) and (b); (d) patents or patent applications that are subject to a terminal disclaimer with any item in any of the foregoing categories (a) through (c); and (e) national (of any country of origin) and multinational counterparts of any item in any of the foregoing categories (a) through (d), including, without limitation, certificates of invention and utility models; in each case of any item in any of the foregoing categories (b) through (e), whether or not expressly listed as LISTED PATENTS and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, abandoned or the like (the LISTED PATENTS, together with all of the items in the foregoing categories (b)-(e), collectively, the "PATENTS AND PATENT APPLICATIONS").

WHEREAS, **Motorola Mobility LLC**, a limited liability company organized under the laws of Delaware, having a place of business at 600 North US Highway 45, Libertyville, IL 60048 ("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, ASSIGNOR hereby assigns and transfers to ASSIGNEE 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 rights of action, powers, and benefits arising

from ownership of the PATENTS AND PATENT APPLICATIONS, including without limitation,

(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 agreement (such agreement, the "ASSIGNMENT"), including without limitation 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 without limitation 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, defend and maintain the PATENTS AND PATENT APPLICATIONS before any patent office and governmental authority, including without limitation by filing reissues, reexaminations, divisions, 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.

ASSIGNEE may apply for and receive patents in its own name wherever so permitted by law and ASSIGNOR shall, when requested by ASSIGNEE, execute or cause to be executed all oaths, assignments, and powers of attorney to ASSIGNEE or to agents and legal representatives of ASSIGNEE, and all other papers necessary and proper to carry out the intent and purpose of this ASSIGNMENT and to perfect ASSIGNEE's title in, to and under the PATENTS AND PATENT APPLICATIONS, and ASSIGNOR further agrees:

a. to execute all papers necessary in connection with the PATENTS AND PATENT APPLICATIONS, and any continuing, divisional, reissue, reexamination or other corresponding application thereof and to execute any separate assignment in connection with such application as ASSIGNEE may deem necessary or expedient; and

b. to perform all affirmative acts which may be necessary to obtain a grant of a valid patent to ASSIGNEE on any of the PATENTS AND PATENT APPLICATIONS and on any

continuation, division, reissue or reexamination of any of the PATENTS AND PATENT APPLICATIONS.

Notwithstanding the foregoing, ASSIGNEE shall be solely responsible for all costs whatsoever, including but not limited to attorneys' fees and patent office fees in any jurisdiction, associated with the perfection of ASSIGNEE's right, title, and interest in and to the PATENTS AND PATENT APPLICATIONS and recordation and/or registration of this ASSIGNMENT or any other document evidencing the assignment of the PATENTS AND PATENT APPLICATIONS.

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

ASSIGNEE acknowledges that the PATENTS AND PATENT APPLICATIONS remain subject to covenants applicable to them granted prior to December 19, 2012 or, subject to that certain Acquisition Agreement, dated as of December 19, 2012 by and among ARRIS Group, Inc. and certain of its subsidiaries and ASSIGNOR, ASSIGNEE and/or certain of their affiliates, after December 19, 2012 and prior to the date hereof, in the ordinary course of business consistent with past practice (including in connection with settlement of disputes).

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.

ASSIGNEE ACKNOWLEDGES THAT THE PATENTS AND PATENT APPLICATIONS ARE CONVEYED WITHOUT ANY REPRESENTATION, WARRANTY OR GUARANTY PURSUANT TO THIS ASSIGNMENT, INCLUDING WITHOUT LIMITATION AS TO THE CONDITION OF TITLE, ENFORCEABILITY, SUITABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, MERCHANTABILITY, VALIDITY, REGISTRABILITY OR ANY OTHER WARRANTY, WHETHER EXPRESS OR IMPLIED OR BY OPERATION OF LAW.

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 28th day of MAY, 2013.

General Instrument Holdings, Inc.

By: _____

Printed Name: Katherine Stephens

Title: CEO, President and Secretary

Date: MAY 28, 2013

State of California

County of Santa Clara

On 5/28/13, before me personally appeared Katherine Stephens, 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.

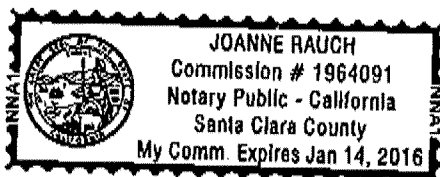
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(Seal)

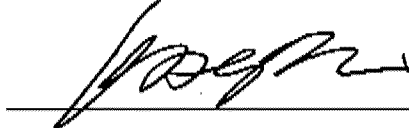
Joanne Rauch
Notary Public

My commission expires: 1/14/16



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

Motorola Mobility LLC

By: 

Printed Name: Katherine Stephens

Title: Assistant Secretary

Date: MAY 28, 2013

State of California

County of Santa Clara

On 5/28/13, before me personally appeared Katherine Stephens,
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: 1/14/16

