

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																						
NATURE OF CONVEYANCE:	ASSIGNMENT																						
CONVEYING PARTY DATA																							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>David B. Bowler</td> <td>03/28/2013</td> </tr> <tr> <td>Clarke V. Greene</td> <td>03/29/2013</td> </tr> <tr> <td>John Holobinko</td> <td>03/28/2013</td> </tr> <tr> <td>Gerard White</td> <td>03/28/2013</td> </tr> <tr> <td>Xinfa Ma</td> <td>03/29/2013</td> </tr> <tr> <td>Shaoting Gu</td> <td>03/28/2013</td> </tr> <tr> <td>Vincent Bu</td> <td>03/29/2013</td> </tr> <tr> <td>Bruce C. Pratt</td> <td>03/29/2013</td> </tr> <tr> <td>Lawrence M. Hrivnak</td> <td>03/29/2013</td> </tr> <tr> <td>Steven H. Hersey</td> <td>03/28/2013</td> </tr> </tbody> </table>		Name	Execution Date	David B. Bowler	03/28/2013	Clarke V. Greene	03/29/2013	John Holobinko	03/28/2013	Gerard White	03/28/2013	Xinfa Ma	03/29/2013	Shaoting Gu	03/28/2013	Vincent Bu	03/29/2013	Bruce C. Pratt	03/29/2013	Lawrence M. Hrivnak	03/29/2013	Steven H. Hersey	03/28/2013
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RECEIVING PARTY DATA																							
<table border="1"> <tr> <td>Name:</td> <td>General Instrument Corporation</td> </tr> <tr> <td>Street Address:</td> <td>101 Tournament Drive</td> </tr> <tr> <td>Internal Address:</td> <td></td> </tr> <tr> <td>City:</td> <td>Horsham</td> </tr> <tr> <td>State/Country:</td> <td>PENNSYLVANIA</td> </tr> <tr> <td>Postal Code:</td> <td>19044</td> </tr> </table>		Name:	General Instrument Corporation	Street Address:	101 Tournament Drive	Internal Address:		City:	Horsham	State/Country:	PENNSYLVANIA	Postal Code:	19044										
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<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13844115</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13844115																		
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CORRESPONDENCE DATA																							
Fax Number:	8475232350																						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																							
Phone:	847-523-2345																						
Email:	docketing.mobility@motorola.com																						
Correspondent Name:	Motorola Mobility LLC																						

CH \$40.00 13844115

Address Line 1: 600 North US Highway 65
Address Line 4: Libertyville, ILLINOIS 60048

ATTORNEY DOCKET NUMBER: CS41508

NAME OF SUBMITTER: Lori Anne D. Swanson

Signature: /Lori Anne D. Swanson/

Date: 04/02/2013

Total Attachments: 11

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PATENT
Witness

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **David B. Bowler of Stow, Massachusetts; Clarke V. Greene of Middletown, Connecticut; John Holobinko of Avon, Connecticut; Gerard White of Dunstable, Massachusetts; Xinfu Ma of Acton, Massachusetts; Shaoting Gu of Acton, Massachusetts; Vincent L. Bu of Wilmington, Massachusetts; Bruce C. Pratt of Bedford, New Hampshire; Lawrence M. Hrivnak of Lowell, Massachusetts; and Steven H. Hersey of West Newbury, Massachusetts** have sold, assigned and transferred, and do hereby sell, assign and transfer, unto GENERAL INSTRUMENT CORPORATION, a corporation of the State of Delaware, having its principal office in Horsham, State of Pennsylvania, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions entitled **“CATV Video and Data Transmission System with Digital Input”** as described, illustrated in Motorola Disclosure ID (DISCL. NO. 65681) CS41508 and as described, illustrated and claimed in the following applications:

- 1.) U.S. Application No. **13/844,115**, filed on **March 15, 2013** entitled **“CATV Video and Data Transmission System with Digital Input”**.

I hereby also sell, assign and transfer unto Assignee, the entire right, title and interest in and to other applications for Letters Patent on the inventions referenced in this Assignment and Agreement, and all rights, title and interest in and to all applications for Letters Patent in respect of the invention filed under any and all international conventions and treaties together with the entire right, title and interest in and to Letters Patent which may be issued upon the application(s) or any application(s) otherwise claiming priority thereto, and upon any divisions, extensions, continuations, reissues and/or re-examinations of such application(s).

I further authorize Assignee to apply for Letters Patent directly in its own name where applicable, and to claim priority of the filing date of the application for Letters Patent filed under the laws of the applicable country and under the provisions of any and all international conventions and treaties.

I hereby authorize Assignee to request the Commissioner of Patents of the United States of America to issue any Letters Patents upon the aforesaid application, divisions, extensions, continuations, reissues or re-examinations, to Assignee, for the sole use and benefit of Assignee, to the full end of the term for which Letters Patent may be granted, the same as they would have

been held and enjoyed by me had this assignment not been made, and I hereby authorize Assignee to request the equivalent authorities in foreign countries to issue the patents of their respective countries to Assignee.

I agree that, when requested, I will, without charge to Assignee, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing, maintaining and enforcing patents for the inventions in any and all countries and for vesting title thereto in Assignee.

I covenant with Assignee that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

David B. Bowler DATE: 3/28/13
David B. Bowler

WITNESS#1: K. Murphy DATE: 3/28/13
Signature
KATHY MURPHY
Printed

WITNESS#2: Sharon Deyett DATE: 3/28/2013
Signature
SHARON DEYETT
Printed

Clarke V. Greene DATE: 3/29/2013
Clarke V. Greene


WITNESS#1: [Signature] DATE: 3/29/2013
Signature
ROBERT C. BICKLE
Printed

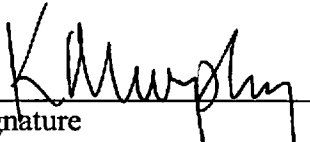
WITNESS#2: [Signature] DATE: 3/29/2013
Signature
Brian M Basile
Printed


John Holobinko DATE: 28 March 2013
John Holobinko

WITNESS#1: K Murphy DATE: 3/28/13
Signature
KATHY MURPHY
Printed

WITNESS#2: Sharon Deyett DATE: 3/28/2013
Signature
SHARON DEYETT
Printed

 DATE: 3/28/2013
Gerard White

WITNESS#1:  DATE: 3/28/13
Signature
KATHY MURPHY
Printed

WITNESS#2:  DATE: 3/28/2013
Signature
SHARON DEYETT
Printed

Xinfa Ma DATE: 03/29/13
Xinfa Ma

WITNESS#1: David F. Hybbs DATE: 3/29/13
Signature

David F Hybbs
Printed

WITNESS#2: Chirag Patel DATE: 3/29/13
Signature

CHIRAG PATEL
Printed

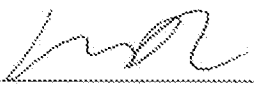
Shaoting Gu DATE: March 28/2013
Shaoting Gu

WITNESS#1: David P. Hubbell DATE: 3/29/13
Signature

David P. Hubbell
Printed

WITNESS#2: Chirag Patel DATE: 3/29/13
Signature

CHIRAG PATEL
Printed


 DATE: 3/29/13
Vincent L. Bu


WITNESS#1:  DATE: 3/29/13
Signature

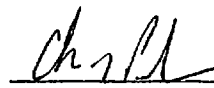
David F. Hubbard
Printed

WITNESS#2:  DATE: 3/29/13
Signature

CHIRAG PATEL
Printed

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Bruce C. Pratt

WITNESS#1:  DATE: 3/29/2013
Signature
JASON LUİK
Printed

WITNESS#2:  DATE: 3/29/13
Signature
Christopher Pckalsky
Printed

Lawrence M. Hrivnak DATE: 3/29/2013
Lawrence M. Hrivnak

WITNESS#1: Brian M. Basile DATE: 3/29/2013
Signature
Brian M. Basile
Printed

WITNESS#2: Hong Zhang DATE: 3/29/2013
Signature
HONG ZHANG
Printed

Steven H. Hersey DATE: 3/28/13
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