

PATENT ASSIGNMENT

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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>02/28/2013</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>Lawrence M. Hrivnak</td> <td>03/29/2013</td> </tr> <tr> <td>Steven H. Hersey</td> <td>03/28/2013</td> </tr> <tr> <td>Gary A. Picard</td> <td>03/28/2013</td> </tr> </tbody> </table>		Name	Execution Date	David B. Bowler	02/28/2013	Clarke V Greene	03/29/2013	John Holobinko	03/28/2013	Gerard White	03/28/2013	Lawrence M. Hrivnak	03/29/2013	Steven H. Hersey	03/28/2013	Gary A. Picard	03/28/2013
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Steven H. Hersey	03/28/2013																
Gary A. Picard	03/28/2013																
RECEIVING PARTY DATA																	
Name:	General Instrument Corporation																
Street Address:	101 Tournament Drive																
Internal Address:																	
City:	Horsham																
State/Country:	PENNSYLVANIA																
Postal Code:	19044																
PROPERTY NUMBERS Total: 1																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13843950</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13843950												
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Application Number:	13843950																
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																
Address Line 1:	600 North US Highway 65																
Address Line 4:	Libertyville, ILLINOIS 60048																
ATTORNEY DOCKET NUMBER:	CS41499																

PATENT

NAME OF SUBMITTER:

Lori Anne D. Swanson

Total Attachments: 8

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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; Lawrence M. Hrivnak of Lowell, Massachusetts; Steven H. Hersey of West Newbury, Massachusetts; and Gary A. Picard of Carlisle, 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 Hybrid Input”** as described, illustrated in Motorola Disclosure ID (DISCL. NO. 65683) CS41499 and as described, illustrated and claimed in the following applications:

- 1.) U.S. Application No. **13/843,950**, filed on **March 15, 2013** entitled **“CATV Video and Data Transmission System with Hybrid 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).

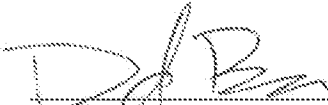
I further authorize Assignee to apply for Letters Patent directly in its own name where applicable, and to claim priority of the filing date of the application for Letters Patent filed under the laws of the applicable country and under the provisions of any and all international conventions and treaties.

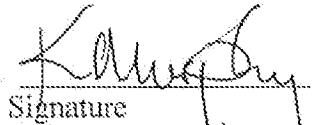
I hereby authorize Assignee to request the Commissioner of Patents of the United States of America to issue any Letters Patents upon the aforesaid application, divisions, extensions, continuations, reissues or re-examinations, to Assignee, for the sole use and benefit of Assignee, to the full end of 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.

 DATE: 3/28/13
David B. Bowler

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

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

Clarke 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: Kathy Murphy DATE: 3/28/13
Signature
KATHY MURPHY
Printed

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

Gerard White DATE: 3/28/2013
Gerard White

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

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

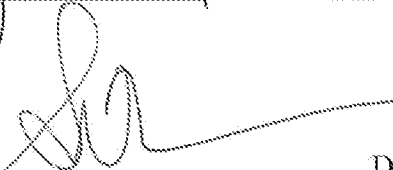
Steven H. Hersey DATE: 3/28/13
Steven H. Hersey

WITNESS#1: [Signature] DATE: 3/28/13
Signature
LATHY MURPHY
Printed

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

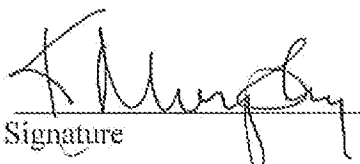

DATE: 3/28/13

Gary A. Picard

WITNESS#1:  DATE: 3/28/13

Signature
SEAN T. WELCH

Printed

WITNESS#2:  DATE: 3/28/13

Signature
KATHY MURPHY

Printed