

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>Sean McCarthy</td> <td>03/27/2013</td> </tr> <tr> <td>Peter Borgwardt</td> <td>04/09/2013</td> </tr> <tr> <td>Vijay Kamarshi</td> <td>04/12/2013</td> </tr> <tr> <td>Shiv Saxena</td> <td>03/29/2013</td> </tr> </tbody> </table>		Name	Execution Date	Sean McCarthy	03/27/2013	Peter Borgwardt	04/09/2013	Vijay Kamarshi	04/12/2013	Shiv Saxena	03/29/2013
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Sean McCarthy	03/27/2013										
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Vijay Kamarshi	04/12/2013										
Shiv Saxena	03/29/2013										
RECEIVING PARTY DATA											
Name:	General Instrument Corporation										
Street Address:	101 Tournament Drive										
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>13841865</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13841865						
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Application Number:	13841865										
CORRESPONDENCE DATA											
Fax Number:	8475232350										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	8475232345										
Email:	docketing.mobility@motorola.com										
Correspondent Name:	Motorola Mobility LLC										
Address Line 1:	600 North US Highway 45										
Address Line 4:	Libertyville, ILLINOIS 60048										
ATTORNEY DOCKET NUMBER:	CS39009										
NAME OF SUBMITTER:	Jennifer Dolan										
Signature:	/Jennifer Dolan/										

Date:

04/12/2013

Total Attachments: 6

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ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **SEAN MCCARTHY of SAN FRANCISCO, CALIFORNIA; PETER BORGWARDT of PORTLAND, OREGON; VIJAY KAMARSHI of CUPERTINO, CALIFORNIA; and SHIV SAXENA of PORTLAND, OREGON**, 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 "**IMPROVED METHOD OF BIT ALLOCATION FOR IMAGE & VIDEO COMPRESSION USING PERCEPTUAL GUIDANCE**" as described, illustrated in Disclosure ID (63129) CS39009; and as described, illustrated and claimed in the following applications:

- 1.) U.S. Application No. **13/841,865**, filed on **March 15, 2013**, entitled "**IMPROVED METHOD OF BIT ALLOCATION FOR IMAGE & VIDEO COMPRESSION USING PERCEPTUAL GUIDANCE,**"

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).

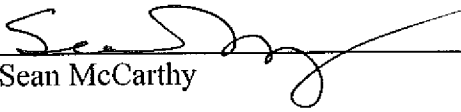
I further authorize Assignee to apply for Letters Patent directly in its own name where applicable, and to claim priority of the filing date of the application for Letters Patent filed under the laws of the applicable country and under the provisions of any and all international conventions and treaties.

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.


Sean McCarthy

DATE: 27 MAR 13

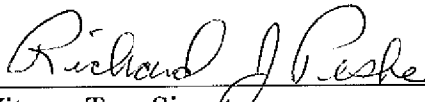
Witness One


Witness One Signature

2013-Mar-28
Date

Wayne Michelson
Printed Name of Witness One

Witness Two


Witness Two Signature

March 28, 2013
Date

Richard Peske
Printed Name of Witness Two

Peter Borgwardt
Peter Borgwardt

DATE: 4/9/2013

Witness One

Liesl Jeck
Witness One Signature

4/9/13
Date

Liesl Jeck
Printed Name of Witness One

Witness Two

Rose M Florek
Witness Two Signature

4/9/13
Date

Rose M FLOREK
Printed Name of Witness Two

Vijay

DATE: 4/12/13

Vijay Kamarshi

Witness One

Amit

4/12/13

Witness One Signature

Date

Amit Tikare

Printed Name of Witness One

Witness Two

Manika Puri

4/12/13

Witness Two Signature

Date

MANIKA PURI

Printed Name of Witness Two

Shiv Saxena

DATE: 3/29/2013

Shiv Saxena

Witness One

Deepa Mehta

3/29/2013

Witness One Signature

Date

DEEPA S. MEHTA

Printed Name of Witness One

Witness Two

Anjali S. Jain

3/29/2013

Witness Two Signature

Date

Anjali S. Jain

Printed Name of Witness Two