

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jian Lou	11/14/2012
Limin Wang	12/03/2012
RECEIVING PARTY DATA	
Name:	General Instrument Corporation
Street Address:	101 Tournament Drive
City:	Horsham
State/Country:	PENNSYLVANIA
Postal Code:	19044
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13672103
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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ATTORNEY DOCKET NUMBER:	CS39482
NAME OF SUBMITTER:	Jennifer Dolan
Total Attachments: 4 source=CS39482 USA Executed Assignment#page1.tif source=CS39482 USA Executed Assignment#page2.tif source=CS39482 USA Executed Assignment#page3.tif source=CS39482 USA Executed Assignment#page4.tif	

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PATENT
REEL: 029947 FRAME: 0279

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **JIAN LOU, SAN DIEGO, CALIFORNIA AND LIMIN WANG, SAN DIEGO, CALIFORNIA**, 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 "**METHOD OF DETERMINING BINARY CODEWORDS FOR TRANSFORM COEFFICIENTS**" as described, illustrated in Disclosure ID (63665) CS39482 and as described, illustrated and claimed in the following applications:

1.) U.S. Provisional Application No. 61/557,403 filed November 8, 2011, entitled "**IMPROVED LEVEL CODING FOR HEVC.**"

4.) U.S. Application No. 13/672,103 filed November 8, 2012, entitled "**METHOD OF DETERMINING BINARY CODEWORDS FOR TRANSFORM COEFFICIENTS.**"

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.

Jian Lou

DATE: 11/14/2012

State of California)

County of San Diego)ss

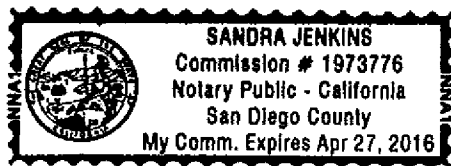
On Nov 14, 2012, before me, Sandra Jenkins, Notary Public
Date Name of Notary Public

personally appeared Jian Lou
Name(s) of Signer(s)

Who proved to me on the basis of satisfactory evidence to be the person(s) who name(s) is are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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.



Signature Sandra Jenkins
Signature of Notary Public

Place Notary Seal Above

Limin Wang DATE: 12/03/2012
Limin Wang

State of California)
County of San Diego)ss

On Dec. 3, 2012, before me, Sandra Jenkins, Notary Public
Date Name of Notary Public

personally appeared Limin Wang
Name(s) of Signer(s)

Who proved to me on the basis of satisfactory evidence to be the person(s) who name(s) is are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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.



Signature Sandra Jenkins
Signature of Notary Public

Place Notary Seal Above