

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SHURONG QIN	11/12/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HISENSE BROADBAND MULTIMEDIA TECHNOLOGIES CO., LTD.
<b>Street Address:</b>	NO. 218 QIAN WANGANG ROAD
<b>Internal Address:</b>	ECONOMIC AND TECHNICAL DEVELOPMENT ZONE
<b>City:</b>	QINGDAO, SHANDONG
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	266555
<b>Name:</b>	HISENSE USA CORPORATION
<b>Street Address:</b>	7310 MCGINNIS FERRY ROAD
<b>City:</b>	SUWANEE
<b>State/Country:</b>	GEORGIA
<b>Postal Code:</b>	30024
<b>Name:</b>	HISENSE INTERNATIONAL CO., LTD.
<b>Street Address:</b>	NO. 218 QIAN WANGANG ROAD
<b>Internal Address:</b>	ECONOMIC AND TECHNICAL DEVELOPMENT ZONE
<b>City:</b>	QINGDAO, SHANDONG
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	266555
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14547624
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(414)225-9753
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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<b>ATTORNEY DOCKET NUMBER:</b>	2942.012
<b>NAME OF SUBMITTER:</b>	PETER C. STOMMA
<b>SIGNATURE:</b>	/Peter C. Stomma/
<b>DATE SIGNED:</b>	11/19/2014
<b>Total Attachments: 3</b> source=14547624 Assignment#page1.tif source=14547624 Assignment#page2.tif source=14547624 Assignment#page3.tif	

Attorney Docket No.: 2942.012

## ASSIGNMENT

ASSIGNMENT made by **Shurong QIN** of No. 11 Jiangxi Road, Shinan Zone, Qingdao, Shandong 266071, China to **HISENSE BROADBAND MULTIMEDIA TECHNOLOGIES CO., LTD.**, a corporation organized under the laws of China, and located and doing business at No.218 Qian Wangang Road, Economic and Technical Development Zone Qingdao, Shandong 266555, China, **HISENSE USA CORPORATION**, a corporation organized under the laws of the State of America, and located and doing business at 7310 McGinnis Ferry Road, Suwanee, Georgia 30024, US, and **Hisense International Co., Ltd.** a corporation organized under the laws of China, and located and doing business at No.218 Qian Wangang Road, Economic and Technical Development Zone Qingdao, Shandong 266555, Chian

IN CONSIDERATION of One Dollar (\$1.00) and other good and valuable considerations, the receipt of which is hereby acknowledged, said **Shurong QIN**, hereby sell, assign and transfer to said **HISENSE BROADBAND MULTIMEDIA TECHNOLOGIES CO., LTD.**, **HISENSE USA CORPORATION** and **Hisense International Co., Ltd.**, its successors and assigns, the entire right, title and interest in: **METHOD OF AND TERMINAL FOR UPDATING LIBRARY FILE IN SYSTEM APPLICATION** and the invention therein as set forth in their application for United States Letters Patent therefor, executed on 11/12/14, \_\_\_\_\_, and \_\_\_\_\_, and in and to said application and any divisions or continuations thereof, and any Letters Patent obtained for the said invention in the United States and foreign countries, or issuing out of said application or any such division or continuation thereof, and any reissues or extensions of any such Letters Patent.

The Commissioner of Patents is hereby authorized and requested to issue Letters Patent for said invention to said **HISENSE BROADBAND MULTIMEDIA**

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**TECHNOLOGIES CO., LTD., HISENSE USA CORPORATION and Hisense International Co.,Ltd.,** as assignee of the entire right, title and interest therein.

And, said **Shurong QIN**, hereby covenant that they have full right to convey the entire right, title and interest in said invention, and that they have not executed and will not execute any agreement in conflict herewith.

And, they further covenant that they will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title in said **HISENSE BROADBAND MULTIMEDIA TECHNOLOGIES CO., LTD., HISENSE USA CORPORATION and Hisense International Co.,Ltd.,** to said invention or any Letters Patent that may be granted therefor, and that if said **HISENSE BROADBAND MULTIMEDIA TECHNOLOGIES CO., LTD., HISENSE USA CORPORATION and Hisense International Co.,Ltd.,** or its assignee, desires to make a substitute, divisional or continuation application for said invention, or to secure a reissue or extension of said Letters Patent, to file a disclaimer relating thereto, or an application for a corresponding patent in any foreign country, that they will, upon request, sign all papers, make all rightful oaths, and do all lawful acts requisite for the said purpose, but at the expense of said **HISENSE BROADBAND MULTIMEDIA TECHNOLOGIES CO., LTD., HISENSE USA CORPORATION and Hisense International Co.,Ltd.,**

And, they further covenant and acknowledge that the entire beneficial interest in the invention to which the above application relates is irrevocably vested in the assignee including the right to make applications for protection in all countries abroad and to claim priority under the International Convention for such applications and hereby assent to the making of any such applications, with or without priority claim, and of any divisional applications resulting therefrom.

And, they further covenant that they will at all times, communicate to the said **HISENSE BROADBAND MULTIMEDIA TECHNOLOGIES CO., LTD., HISENSE USA CORPORATION and Hisense International Co.,Ltd.,** its successors, assigns, or legal representatives, all facts relating to said invention and Letters Patent, or

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the history thereof, known to them, and testify as to the same in interferences or other litigation when requested so to do.

We hereby authorize the above-mentioned assignee or the attorney of record to insert in this instrument the filing date serial number of our said application:

Serial No.: 14/547,624

Filing Date: November 19, 2014

Executed and delivered this 12<sup>th</sup> day of November, 2014.

STATE OF CHINA )

): ss

COUNTY OF CHINA )

Shurong QIN  
Shurong QIN

Personally appeared before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, Shurong QIN, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledge that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

(SEAL)

Notary Public  
My Commission expires \_\_\_\_\_

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