

## 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>
HISENSE BROADBAND MULTIMEDIA TECHNOLOGIES, LTD.	08/10/2017
HISENSE USA CORP.	08/10/2017
HISENSE INTERNATIONAL CO., LTD.	08/10/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HISENSE BROADBAND MULTIMEDIA TECHNOLOGIES CO., LTD.
<b>Street Address:</b>	NO. 218 QIANWANGANG ROAD, ECONOMIC AND TECHNICAL DEVELOPMENT ZONE
<b>City:</b>	QINGDAO, SHANDONG
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	266555
<b>Name:</b>	HISENSE BROADBAND MULTIMEDIA TECHNOLOGIES, LTD.
<b>Street Address:</b>	56 ADMINISTRATION DRIVE, WICKHAMS CAY 1
<b>City:</b>	ROAD TOWN, TORTOLA
<b>State/Country:</b>	VIRGIN ISLANDS, BRITISH
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15431477
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)321-4299
<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>Email:</b>	usassignments@brinksgilson.com, ntarwater@brinksgilson.com, emachado@brinksgilson.com
<b>Correspondent Name:</b>	EDWARD MACHADO BY NANCY TARWATER
<b>Address Line 1:</b>	P.O. BOX 10395
<b>Address Line 2:</b>	BRINKS GILSON & LIONE
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60610
<b>ATTORNEY DOCKET NUMBER:</b>	15218-73
<b>NAME OF SUBMITTER:</b>	EDWARD MACHADO

<b>SIGNATURE:</b>	/Edward Machado/
<b>DATE SIGNED:</b>	08/30/2017
<b>Total Attachments: 2</b> source=15218-73-Assignment#page1.tif source=15218-73-Assignment#page2.tif	

**ASSIGNMENT**

WHEREAS, Hisense Broadband Multimedia Technologies, Ltd., Hisense USA Corp., and Hisense International Co., Ltd., the "Assignors", have made the invention described in the United States patent application entitled OPTICAL MODULE, for a full description of which reference is here made to an application for Letters Patent of the United States filed on February 13, 2017, and assigned Application Serial No. 15/431,477;

WHEREAS, Hisense Broadband Multimedia Technologies Co., Ltd., a corporation organized and existing under the laws of the Country of Peoples Republic of China, having a place of business at No. 218 Qianwangang Road, Economic and Technical Development Zone, Qingdao, Shandong, P.R.C. 266555; and Hisense Broadband Multimedia Technologies, Ltd., a corporation organized and existing under the laws of the Country of British Virgin Islands, having a place of business at 56 Administration Drive, Wickhams Cay 1, Road Town, Tortola, British Virgin Islands, hereinafter collectively called the "Assignees", desires to acquire the entire right, title and interest in the invention and the patent application identified above, and all patents which may be obtained for the invention, as set forth below;

NOW, THEREFORE, in consideration of valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignees is acknowledged, the Assignors have sold, assigned and transferred, and by these presents sell, assign and transfer to the Assignees, the entire right, title and interest for the United States in the invention and the patent application identified above, and any patents that may issue for the invention in the United States; with the entire right, title and interest in the invention and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; with the entire right, title and interest in all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present,

or future infringement or any other violation of patent or patent application rights; to have hold for the sole and exclusive use and benefit of the Assignees, its successors and assigns, to the full end of the term or terms for all such patents. The Assignors sell, assign, and transfer the entire right, title and interest to the Assignees as of the day of filing the application identified above.

The Assignors covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignees in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignees may elect to make covering the invention identified above; in vesting in the Assignees exclusive title in all such other patent applications and patents; and that the Assignors will execute and deliver to the Assignees all additional papers which may be requested by the Assignees to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is authorized and requested to issue patents to the Assignees under the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED:

2017.8.10

Wang Yigang  
Hisense Broadband Multimedia  
Technologies, Ltd.

DATED:

2017.8.10

Biao Cid  
Hisense USA Corp.

DATED:

2017.8.10

ZHANG CHUANCHENG  
Hisense International Co., Ltd.