#### 06/11/2019 505519802

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SHARP LABORATORIES OF AMERICA, INC.	07/02/2015

### **RECEIVING PARTY DATA**

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## **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	16436215	

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DATE SIGNED:	06/11/2019

**Total Attachments: 2** 

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> **PATENT REEL: 049437 FRAME: 0230** 505519802

#### PATENT ASSIGNMENT

Whereas, Sharp Laboratories of America, Inc., a corporation, existing and organized under the laws of Washington, having its headquarter at 5750 NW Pacific Rim Boulevard, Camas, Washington USA 98607 (hereinafter "Seller") is the sole and exclusive owner of the following patents and patent applications (hereinafter "Assigned Patents"):

TRACKING A REFERENCE PICTURE ON AN ELECTRONIC DEVICE					
Country	Application No.	Filing Date	Publication No.	Grant Date	Patent No.
US	14/284233	2014/5/21	2014-0254672		
US	14/305787	2014/6/16	2014-0294076		

Country	Application No.	Filing Date	Publication No.	Grant Date	Patent No.
US	14/085411	2013/11/20	2014-0140414		
WO	PCT/JP2013/006828	2013/11/20	WO2014/080630		
US	14/145627	2013/12/31	2014-0192894		

SIGNALING CHANGE IN OUTPUT LAYER SETS					
Country	Application No.	Filing Date	Publication No.	Grant Date	Patent No.
US	13/858076	2013/4/7	2014-0301476		***************************************
WO	PCT/JP2014/001967	2014/4/4	WO2014/167817		

; and

Whereas Dolby International AB, a Swedish corporation resident in the Netherlands, having its headquarter at Apollo Building, 3E, Herikerbergweg 1-35, 1101 CN Amsterdam Zuidoost, The Netherlands (hereinafter "Buyer") is desirous of acquiring the entire right, title and interest in, to and under the Assigned Patents.

Now, therefore, for good and valuable consideration, the receipt of which is hereby acknowledged, as of June 30, 2015, Seller hereby irrevocably sells, conveys, transfers, assigns and delivers to Buyer, and Buyer acquires from Seller, all right, title and interest in and to (i) all Assigned Patents, (ii) all claims, causes of action and enforcement rights of any kind, and all rights to sue for past, present or future infringement of any of the Assigned Patents and to collect and retain any and all damages, costs, profits, injunctive relief and other remedies for or relating to any such past, present or future infringement of the Assigned Patents or any and all claims relating thereto, (iii) all rights to collect royalties, license fees or other amounts with respect to the Assigned Patents, and (iv) all rights (but no obligation) to apply for, file, register, maintain, prosecute, extend, renew, enforce, license and otherwise exploit in any or all countries of the world patents, patent applications, certificates of invention, utility models, industrial design protection, design patent protection and other governmental grants or issuances of any kind related to any and all of the Assigned Patents (including, without limitation, all reissues, reexaminations, extensions,

continuations, continuations in part, continuing prosecution applications, substitutions, requests for continuing examinations, divisions, divisionals, counterparts and other applications, worldwide, based in whole or in part thereon) and any and all of the inventions, invention disclosures, designs and discoveries described or disclosed therein, in each case, without any requirement for Buyer to seek or obtain any consent or other approval from or otherwise inform Seller.

Seller does hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America or equivalent authority elsewhere in the world to issue Letters Patent, as shall be granted based upon the Assigned Patents (including, without limitation, any divisional, continuing, reissue or other application based in whole or in part thereon), to the Buyer, its successors and assigns.

This assignment may be executed in one or more counterparts, each of which shall be deemed an original, and all of which shall constitute one and the same agreement. Copies of executed counterparts transmitted by facsimile, email or other electronic transmission shall be considered original executed counterparts, provided that receipt of copies of such counterparts is confirmed.

IN WITNESS WHEREOF, THE PARTIES, BY THEIR DULY AUTHORIZED REPRESENTATIVES, HAVE EXECUTED THIS ASSIGNMENT.

Sharp Laboratories of America, Inc

By Dlaume No

Title President & CEO

Date 7/2/2015

Dofby International Al

rida Noservo R

Date 3 July 2015

PATENT REEL: 049437 FRAME: 0232

**RECORDED: 06/11/2019**