

<b>PATENT ASSIGNMENT COVER SHEET</b>
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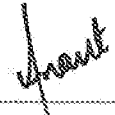
Electronic Version v1.1  
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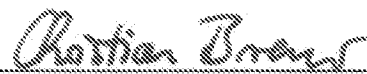
EPAS ID: PAT4062051


<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ANANT AGGARWAL	09/20/2016
CHRISTIAN BREUER	09/15/2016
BARRY STOUT	09/16/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	OSRAM SYLVANIA INC.
<b>Street Address:</b>	200 BALLARDVALE STREET
<b>City:</b>	WILMINGTON
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01887
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15127912
<b>Application Number:</b>	61970332
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(978)646-6931
<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>	
<b>Phone:</b>	978-570-3000
<b>Email:</b>	OSI-patent-assignments@osram.com
<b>Correspondent Name:</b>	OSRAM SYLVANIA INC.
<b>Address Line 1:</b>	200 BALLARDVALE STREET
<b>Address Line 4:</b>	WILMINGTON, MASSACHUSETTS 01887
<b>ATTORNEY DOCKET NUMBER:</b>	2014P00437WOUS
<b>NAME OF SUBMITTER:</b>	SHAUN P. MONTANA, ESQ., REG. NO. 54,320
<b>SIGNATURE:</b>	/SPM/
<b>DATE SIGNED:</b>	09/21/2016
<b>Total Attachments: 1</b>	
source=2014P00437WOUS-Executed_Joint_Assignment#page1.tif	

**ASSIGNMENT**

In consideration of One Dollar and other good and valuable consideration of which we acknowledge receipt, we, Anant Aggarwal, Christian Breuer, and Barry Stout, sell and assign to OSRAM SYLVANIA Inc., a Delaware Corporation, its successors and assigns, our invention in "TECHNIQUES FOR POSITION-BASED ACTIONS USING LIGHT-BASED COMMUNICATION", identified as attorney docket number 2014P00437WOUS, and the United States patent application, the specification for which was filed herewith, and International Application PCT/US2015/022531, filed on March 25, 2015, and United States provisional patent application no. 61/970,332, filed on March 25, 2014, and all other provisional applications from which it claims the benefit of and priority to, and all other applications from which it claims priority, and the right to claim the priority right(s) and benefits from all such applications, and all international and non-United States applications that may claim priority therefrom and include the subject matter disclosed therein, and all Patents, both foreign and domestic, which may be granted therefor, and all divisions, reissues, continuations, and extensions thereof, and authorize and request the various non-United States patent entities and the Commissioner of Patents and Trademarks to issue all Patents on said invention or resulting therefrom to said Corporation as assignee of the entire interest, and covenant that we have full right to do so and agree that we will communicate to said Corporation or its representatives any facts known to us respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths or declarations, and generally do everything possible to aid said Corporation, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention, in the United States and all other countries.

Inventor's Signature:  Date: 20 sep 2016  
 Inventor's name: Anant Aggarwal  
 Address: 22 Malvern Street, Waltham, Massachusetts 02451 U.S.A.

Inventor's Signature:  Date: 15 sep 2016  
 Inventor's name: Christian Breuer  
 Address: Magnolienweg 24, D-44267 Dortmund, North Rhine-Westphalia GERMANY

Inventor's Signature:  Date: Sept 16, 2016  
 Inventor's name: Barry Stout  
 Address: 9 Old Town Road, Beverly, Massachusetts 01915 U.S.A.