

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4568859

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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>            |
| ALIREZA SAFAEE  | 08/28/2017                       |
| THOMAS DREEBEN  | 08/04/2017                       |
| JOHN CROSS  | 08/03/2017                       |
| <b>RECEIVING PARTY DATA</b>   |                                  |
| <b>Name:</b>  | OSRAM SYLVANIA INC.              |
| <b>Street Address:</b>  | 200 BALLARDVALE ST.              |
| <b>City:</b>  | WILMINGTON                       |
| <b>State/Country:</b>   | MASSACHUSETTS                    |
| <b>Postal Code:</b>   | 01887                            |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                  |
| <b>Property Type</b>  | <b>Number</b>                    |
| <b>Application Number:</b>  | 15687996                         |
| <b>CORRESPONDENCE DATA</b>  |                                  |
| <b>Fax Number:</b>  |                                  |
| <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>  | 2016P02469US                     |
| <b>NAME OF SUBMITTER:</b>   | YUTIAN LING                      |
| <b>SIGNATURE:</b>   | /Yutian Ling/                    |
| <b>DATE SIGNED:</b>   | 08/28/2017                       |
| <b>Total Attachments: 3</b>   |                                  |
| source=2016P02469US_Signed_Assignment#page1.tif   |                                  |
| source=2016P02469US_Signed_Assignment#page2.tif   |                                  |
| source=2016P02469US_Signed_Assignment#page3.tif   |                                  |

## ASSIGNMENT

In consideration of One Dollar and other good and valuable consideration of which we acknowledge receipt, we, Alireza Safae, Thomas Dreeben, and John Cross, sell and assign to OSRAM SYLVANIA Inc., a Delaware Corporation, its successors and assigns, our invention in "SPACE-EFFICIENT PCB-BASED INDUCTOR", identified as attorney docket number 2016P02469US, and the United States patent application, the specification for which was filed herewith, and all provisional applications from which it claims priority, and all other applications from which it claims priority, and the right to claim the priority right(s) 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: Safae Date: 28 Aug 2017  
 Inventor's name: Alireza Safae  
 Address: 20800 Homestead Road #01B, Cupertino, CA 95014, US


Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Inventor's name: Thomas Dreeben  
 Address: 6 Sheridan Terrace, Swampscott, MA 01907, US

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Inventor's name: John Cross  
 Address: 123 Pine Grove Street, Needham, MA 02494, US

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Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Inventor's name: Alireza Safae  
 Address: 20800 Homestead Road #01B, Cupertino, CA 95014, US

Inventor's Signature:  Date: 8/4/2017  
 Inventor's name: Thomas Dreeben  
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Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Inventor's name: John Cross  
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Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
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 Address: 20800 Homestead Road #01B, Cupertino, CA 95014, US

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
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Inventor's Signature: John E. Cross Date: 3-Aug-2017  
 Inventor's name: John Cross  
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