

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Paolo De Anna</td> <td>07/05/2010</td> </tr> <tr> <td>Michele Menegazzi</td> <td>07/05/2010</td> </tr> <tr> <td>Oskar Schallmoser</td> <td>09/07/2010</td> </tr> <tr> <td>Nicola Zanforlin</td> <td>08/31/2010</td> </tr> </tbody> </table>		Name	Execution Date	Paolo De Anna	07/05/2010	Michele Menegazzi	07/05/2010	Oskar Schallmoser	09/07/2010	Nicola Zanforlin	08/31/2010
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Nicola Zanforlin	08/31/2010										
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Name:	OSRAM Gesellschaft mit beschraenkter Haftung										
Street Address:	Hellabrunner Str. 1										
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Postal Code:	81543										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12809075</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12809075						
Property Type	Number										
Application Number:	12809075										
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NAME OF SUBMITTER:	Christopher J. Frerking										
Total Attachments: 6											

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**PATENT  
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U.S. Patent Appln. No.: 12/809,075

Docket No. P44448US

Filing Date: June 18, 2010

**PATENT ASSIGNMENT**

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1. Assignor: Paolo DE ANNA

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Assignee:

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Hellabrunner Str. 1

81543 Muenchen

Federal Republic of Germany

**AGREEMENT**

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled

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"MULTIFUNCTIONAL OUTPUT STAGE FOR DRIVING DIMMED LIGHT SOURCES AND RELATED METHOD" for which:

a non-provisional application for United States Letters Patent:

- was executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney); or
- was filed on June 18, 2010 and accorded U.S. Serial No. 12/809,075; or
- will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes and requests ASSIGNEE'S legal representatives, the attorneys associated with Customer No. \_\_\_\_\_, to insert below in this document this APPLICATION's U.S. Serial Number and filing date, when known:

U.S. Serial No. \_\_\_\_\_

filed on \_\_\_\_\_

WHEREAS, ASSIGNEE (listed above), a corporation of the Federal Republic of Germany is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its successors and assigns, the entire right, title and interest in and to said invention and improvements, said application and any and all letters patent which may be

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granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, re-examinations and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

5-7-2010  
Date

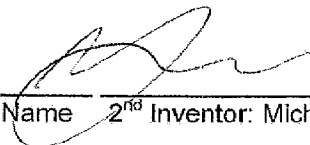
  
Name 1<sup>st</sup> Inventor: Paolo DE ANNA .

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05/07/2010  
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Name <sup>2<sup>nd</sup></sup> Inventor: Michele MENEGAZZI

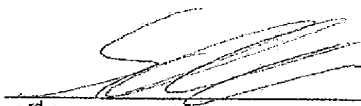
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7. Sept 2010

Date

  
Name 3<sup>rd</sup> Inventor: Oskar SCHALLMOSER

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Filing Date: June 18, 2010

31/08/20  
Date

X   
Name 4<sup>th</sup> Inventor: Nicola ZANFORLIN