

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Christoph Hoffmann</td> <td>02/13/2012</td> </tr> <tr> <td>Jenny Trommer</td> <td>02/13/2012</td> </tr> <tr> <td>Gabriele Wahl</td> <td>02/13/2012</td> </tr> <tr> <td>Katja Zeller</td> <td>01/31/2012</td> </tr> </tbody> </table>		Name	Execution Date	Christoph Hoffmann	02/13/2012	Jenny Trommer	02/13/2012	Gabriele Wahl	02/13/2012	Katja Zeller	01/31/2012
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>OSRAM AG</td> </tr> <tr> <td>Street Address:</td> <td>Hellabrunner Str. 1</td> </tr> <tr> <td>City:</td> <td>Muenchen</td> </tr> <tr> <td>State/Country:</td> <td>FEDERAL REPUBLIC GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>81543</td> </tr> </table>		Name:	OSRAM AG	Street Address:	Hellabrunner Str. 1	City:	Muenchen	State/Country:	FEDERAL REPUBLIC GERMANY	Postal Code:	81543
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (617)849-5451</p> <p>Phone: 617-275-2642</p> <p>Email: patint@vjp.de</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Viering, Jentschura & Partner - OSR</p> <p>Address Line 1: 3770 Highland Ave.</p> <p>Address Line 2: Suite 203</p> <p>Address Line 4: Manhattan Beach, CALIFORNIA 90266</p>											
ATTORNEY DOCKET NUMBER:	P49105US										
NAME OF SUBMITTER:	Casey R. Garner										

CH \$40.00 13390116

Total Attachments: 6

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ASSIGNMENT

For good and valuable consideration, I/we, the undersigned

Christoph HOFFMANN

residing at:

~~Friedrich-Silcher-Str. 8~~ Wiesgasse 34a
89335 Ichenhausen,
GERMANY CH, 13.02.2012

Citizenship: DE

Gabriele WAHL

residing at:

Wagnerstr. 10
89551 Königsbrunn,
GERMANY

Citizenship: DE

Jenny TROMMER

residing at:

Ernst-Abbe-Str. 76 Bayernweg 23 Ernst-Abbe-Str. 76
73447 Oberkochen 89522 Heidenheim, 73447 Oberkochen
GERMANY JT, 22.02.2012 CH, 13.02.2012

Citizenship: DE

Katja ZELLER

residing at:

Johannesstr. 1
85077 Manching,
GERMANY

Citizenship: DE

hereby sell, assign, and transfer to

OSRAM AG

a German corporation

organized and existing under the laws of
GERMANY

having its (their) principal place of business
in München, GERMANY

hereinafter the "Assignee(s)", its (their) successor(s), assigns and legal representatives the entire and exclusive right, title and interest in and for the United States and for any of the Contracting States bound by the PCT on the international filing date, in all and to any improvements which are disclosed in the PCT international application for Letters Patent designating the United States and any of the Contracting States bound by the PCT on the international filing date, said application being identified in our records as

Applicants File No. 2009P14712WOUS
and filed as PCT-application PCT/EP2010/061537

and entitled

(Title:) **HALOGEN BULB FOR VEHICLE HEADLIGHTS**

and in and to said application and all divisional, continuing substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and any of the Contracting States bound by the PCT on the international filing date on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and any of the Contracting States bound by the PCT on the international filing date on said improvements;

IDNR: 4248 / 06.06.2007

PATENT

REEL: 027809 FRAME: 0531

hereby agree that said Assignee(s) may apply for and receive Letters Patent for said improvements in its (their) own name and that when requested without charge to but at the expense of said Assignee(s), its (their) successor(s), assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee(s), its (their) successor(s), assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee(s), its (their) successor(s), assigns, or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements in said Assignee(s), its (their) successor(s), assigns, and legal representatives; and hereby covenant with said Assignee(s), its (their) successor(s), assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 13.02.2012

Christoph Hoffmann
Christoph HOFFMANN

Witnesses: M. Kimmel

Witnesses: M. Hessler

(printed name: Marcel Kimmel)

(printed name: Markus Hessler)

Date: 13.02.2012

Jenny Trommer
Jenny TROMMER

Witnesses: Philipp Helbig

Witnesses: Stephan Schwaiger

(printed name: Philipp Helbig)

(printed name: Stephan Schwaiger)

Date: 13.02.2012

Gabriele Wahl
Gabriele WAHL

Witnesses: B. Gerlach

Witnesses: Uwe Kauten

(printed name: BERTHOLD GERLACH)

(printed name: Uwe Kauten)

Date: _____

Katja ZELLER

Witnesses: _____

Witnesses: _____

(printed name: _____) (printed name: _____)

ASSIGNMENT

For good and valuable consideration, I/we, the undersigned

Christoph HOFFMANN
residing at:
Friedrich-Silcher-Str. 8
89335 Ichenhausen,
GERMANY

Citizenship: DE

Jenny TROMMER
residing at:
Bayernweg 23
89522 Heidenheim,
GERMANY

Citizenship: DE

Gabriele WAHL
residing at:
Wagnerstr. 10
89551 Königsbronn,
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Date: _____

Christoph HOFFMANN

Witnesses: _____

Witnesses: _____

(printed name: _____) (printed name: _____)

Date: _____

Jenny TROMMER

Witnesses: _____

Witnesses: _____

(printed name: _____) (printed name: _____)

Date: _____

Gabriele WAHL

Witnesses: _____

Witnesses: _____

(printed name: _____) (printed name: _____)

Date: 31.01.12K. Zeller
Katja ZELLERWitnesses: Klaus-Peter KnorrWitnesses: Thomas Koss(printed name: Klaus-Peter Knorr) (printed name: Dr. T. KASS)