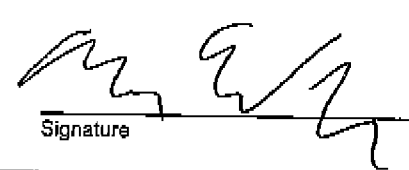


Substitute Form PTO-1595  
 Attorney Docket No.: 12408-074003  
 Client's Ref. No.: 1998P1908 US N2

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<b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other: Corrective Assignment Execution Date: Günther Waitl 11/03/2000, Corrected 08/22/2005 Herbert Brunner 11/03/2000, Corrected 08/10/2005			
<b>4. Application number(s) or patent number(s):</b> If this document is being filed with a new application, the execution date of the application is: <table style="width: 100%;"> <tr> <td style="width: 50%;"> <b>A. Patent Application No(s):</b>            10/957,927            recorded at Reel/Frame 014269/0811         </td> <td style="width: 50%;"> <b>B. Patent No(s):</b>            6,624,491            recorded at Reel/Frame 011935/0629            6,858,879            recorded at Reel/Frame 014269/0811         </td> </tr> </table> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>A. Patent Application No(s):</b> 10/957,927 recorded at Reel/Frame 014269/0811	<b>B. Patent No(s):</b> 6,624,491 recorded at Reel/Frame 011935/0629 6,858,879 recorded at Reel/Frame 014269/0811
<b>A. Patent Application No(s):</b> 10/957,927 recorded at Reel/Frame 014269/0811	<b>B. Patent No(s):</b> 6,624,491 recorded at Reel/Frame 011935/0629 6,858,879 recorded at Reel/Frame 014269/0811		
<b>5. Name/address of party to whom correspondence concerning document should be mailed:</b> MARC M. WEFERS Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110	<b>6. Total number of applications/patents involved: 1</b> <b>7. Total fee (37 CFR §3.41): \$120</b> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge Deposit Account. <b>8. Deposit Account No.: 06-1050</b> Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.		
<b>DO NOT USE THIS SPACE</b>			
<b>9. Statement and Signature:</b> <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>			
Marc M. Wefers Reg. No. 56,842 Name of Person Signing	<div style="text-align: center;">           Signature       </div> <div style="text-align: center;">         11/9/06          Date       </div>		
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## ASSIGNMENT

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

WAITL, Günther  
residing at:  
Praschweg 3,  
D-93049 Regensburg  
Germany  
(Bundesrepublik Deutschland)

BRUNNER, Herbert  
Winklergasse 18  
D-93047 Regensburg  
Germany  
(Bundesrepublik Deutschland)

heraby sell, assign, and transfer to

Osram Opto Semiconductors GmbH & Co. OHG

a German corporation organized and existing under the laws of the Federal Republic of Germany, having its principal place of business in Munich, Federal Republic of Germany herein the "Assignee", its successors, assigns and legal representatives the entire and exclusive right, title and interest in and for the United States, in all and to any improvements in the

(Title:) Improved Diode Housing

disclosed in the PCT international application for Letters Patent designating the United States, said application being identified in our records as

Applicants File No.  
and filed as PCT-application

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PCT/DE99/01012

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 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 on said improvements  
hereby agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name and that when requested without charge to but at the expense of said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional,

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continuing substitute, renewal, release 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, its successors, 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, its successors, 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, its successors, assigns, and legal representatives; and hereby covenant with said Assignee, its successors, 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: November 02, 2010Ernst WARTL  
Ernst WARTL

Witnesses:

(type name)

Witnesses:

(type name)

Date: November 03, 2010Herbert BRUNNER  
Herbert BRUNNER

Witnesses:

(type name)

Witnesses:

(type name)

GR1998P1998P US

## ASSIGNMENT

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

**WAITL, Günther**  
residing at:  
**Praschweg 3,**  
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**Germany**  
**(Bundesrepublik Deutschland)**

**BRUNNER, Herbert**  
**Winklergasse 16**  
**D-93047 Regensburg**  
**Germany**  
**(Bundesrepublik Deutschland)**

hereby sell, assign, and transfer to

**Osram Opto Semiconductors GMBH & Co.**

a German corporation organized and existing under the laws of the Federal Republic of Germany, having its principal place of business in Munich, Federal Republic of Germany herein the "Assignee", its successors, assigns and legal representatives the entire and exclusive right, title and interest in and for the United States, in all and to any improvements in the

(Title:) **Improved Diode Housing**

disclosed in the PCT international application for Letters Patent designating the United States, said application being identified in our records as


Applicants File No. **GR1998P1998P US**  
and filed as PCT-application **PCT/DE99/01912**

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 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 on said improvements;

hereby agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name and that when requested without charge to but at the expense of said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional,

**PATENT**  
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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, its successors, 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, its successors, 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, its successors, assigns, and legal representatives; and hereby covenant with said Assignee, its successors, 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: November 03. 2000  
Günther WAITL

Witnesses:

(type name)

Frank Root (Frank Haas)

Witnesses:

(type name)

~~Frank Haas~~ : HJ (Jäger Harald)Date: November 03. 2000  
Herbert BRUNNER

Witnesses:

(type name)

Robert Luk (Robert Luk)

Witnesses:

(type name)

~~Robert Luk~~ Holte Pat. D (Holte Patrick)