

07-18-2003

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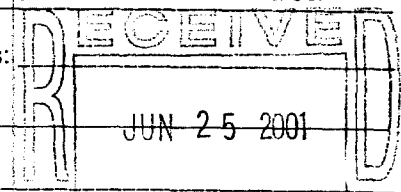
U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks and original documents or copy thereof.

1. Name of conveying party(ies): Gunther WAITL Herbert BRUNNER Additional name(s) of conveying party(ies) attached? Yes No

7-9-03

2. Name and address of receiving party(ies) Name: Osram Opto Semiconductors GMBH & Co. Internal Address: Street Address: Wernerwerkstrasse 2 COUNTRY: Germany City: Regensburg State: Bavaria Zip: D-93049 Additional name(s) & address(es) attached? Yes No



10/616070 07/09/03

3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: November 3, 2000

4. Application number(s) or patent number(s): 10616070 MW 6/25/01 A. Patent Application No.(s) 09/754,043 B. Patent No.(s)

If this document is being filed together with a new application, the execution date of the application is: Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Epping, Hermann & Fischer Internal Address: ATTN: Jacob Eisenberg Street Address: Ridlerstrasse 55 COUNTRY: Germany City: Munich State: Bavaria Zip: D-80339

6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$ 40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 501871 (Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature. 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. ATTN: Jacob Eisenberg Name of Person Signing Signature Date June 17, 2001 Total number of pages including cover sheet, attachments, and documents: 67

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

07/03/2001 LMUELLER 00000150 501871 03754043 01 FC:581 40.00 CH

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 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

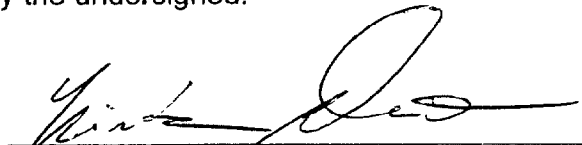
Applicants File No. **GR1998P1998P US**  
and filed as PCT-application **PCT/DE99/01912**

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,

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: Frank Floob (Inke Haase)  
 (type name)

Witnesses: ~~Inke Haase~~ : HJ (Jäger Harald)  
 (type name)

Date: November 03, 2000

  
 Herbert BRUNNER

Witnesses: Robert Lutz (Robert Lutz)  
 (type name)

Witnesses: ~~Robert Lutz~~ Holle Pat D (Dolle, Patrick)  
 (type name)