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10-01-2003



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To the Honorable Commissioner of F

enclose the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Ralph WIRTH

2. Name and address of receiving party(ies):

Name: Osram Opto Semiconductors GmbH

Internal Address:

Street Address: Wernerwerkstrasse 2

City: Regensburg

State/Country: Germany

Zip: 93049

Additional name(s) & address(es) attached?  Yes  No



9-25-03

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: September 4, 2003

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)  
10/448,952

B. Patent No.(s)  
n/a

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Thomas Langer

Internal Address: Cohen, Pontani, Lieberman & Pavane

Street Address: 551 Fifth Avenue, 12<sup>th</sup> Floor

City: New York State: New York Zip: 10176

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: 03-2412

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.*

Thomas Langer  
Name of Person Signing  
Reg. No. 27,264

Thomas Langer  
Signature

September 22, 2003  
Date

Total number of pages including cover sheet, attachments, and document:

3

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Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation  
Director of the US Patent and Trademark Office  
PO Box 1450  
Alexandria, VA 22313-1450

## ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I the undersigned, **Ralph WIRTH** (hereinafter referred to as "ASSIGNOR"):

Hereby sell, assign and transfer to **Osram Opto Semiconductors GmbH** (hereinafter referred to as "ASSIGNEE"), a corporation of Germany, having a place of business at Wernerwerkstrasse 2, 93049 Regensburg, Germany, its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to the invention which is disclosed in the application for United States Letters Patent, which was filed on May 30, 2003 and has been assigned U.S. Serial No. 10/448,952, and is entitled

### **LIGHT-EMITTING SEMICONDUCTOR BUILDING BLOCK**

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 all foreign countries on said invention; and in and to all original, reissued and other patents and certificates of invention which have been or shall be issued in the United States and all foreign countries on said invention;

Agree that said Assignee may apply for and receive Letters Patent for said invention in its own name, and that, when requested, without further consideration from or 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 assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on said invention; execute

all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said invention and for vesting title to said invention and all applications for patents and all patents on said invention, in said Assignee, its successors, assigns and legal representatives; and

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 has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: X September 4th, 2003  
month/day/year

X Ralph Wirth  
Ralph WIRTH

Mrs. P. ...  
Witness

Michael ...  
Witness