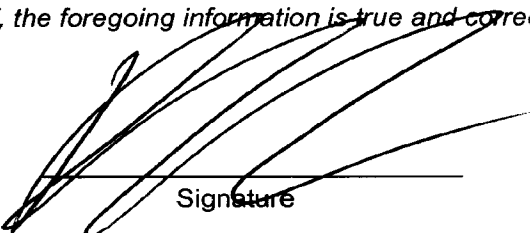


4-25-05

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|--|--|---|------------|-----------------------------|-----------------------------|
| FORM PTO-1595  |  | REC   | 04-27-2005 | ET                          | U.S. DEPARTMENT OF COMMERCE |
| (Rev. 6-93)  |  | OMB No. 0651-0011 (exp. 4/94)   |            | Patent and Trademark Office |                             |
| Tab settings =>=>  |  | 102989237   |            |                             |                             |
| To the Honorable Commissioner for Patents : Please record the attached original documents or copy thereof.   |  |   |            |                             |                             |
| 1. Name of conveying party(ies):<br><br>1) Detlef Hommel<br><br>2) Helmut Wensch<br><br>(Additional name(s) of conveying party(ies) attached) Yes <input checked="" type="checkbox"/> No   |  | 2. Name and address of receiving party(ies)<br><br>Name: <u>OSRAM Opto Semiconductors</u><br><br><u>GmbH &amp; Co. OHG</u><br><br>Street Address: <u>Wernerwerkstrasse 2</u><br><br>City: <u>Regensburg</u><br><br>State: <u>Germany</u><br><br>ZIP: <u>93049</u><br><br>Additional name(s) & address(es) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |            |                             |                             |
| 3. Nature of conveyance:<br><br><input checked="" type="checkbox"/> Assignment<br><input type="checkbox"/> Security Agreement<br><input type="checkbox"/> Other<br><br><input type="checkbox"/> Merger<br><input type="checkbox"/> Change of Name  |  |   |            |                             |                             |
| <b>Execution Date: August 13, 2001</b>   |  |   |            |                             |                             |
| 4. Application number(s) or patent number(s):<br>If this document is being filed together with a new application, the execution date of the application is:<br>A. Patent Application No.(s)<br><br><b>09/915,985</b><br><br>B. Patent No.(s)<br><br><br>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |  |   |            |                             |                             |
| 5. Name and address of party to whom correspondence concerning document should be mailed:<br><br>Name: <u>Lerner and Greenberg</u><br><br>Internal Address<br><br>Street Address: <u>P.O. Box 2480</u><br><br>City: <u>Hollywood</u><br><br>State: <u>FL</u><br><br>ZIP: <u>33022</u>  |  | 6. Total number of applications and patents involved:<br><br><div style="border: 1px solid black; width: 30px; text-align: center; margin: 0 auto;">1</div><br>7. Total fee (37 CFR 3.41) .....\$ <u>40.00</u><br><input checked="" type="checkbox"/> Enclosed<br><input type="checkbox"/> Authorized to be charged to deposit account<br><br>8. Deposit account number:<br><br>(Attach duplicate copy of this page by deposit account) |            |                             |                             |
| DO NOT USE THIS SPACE  |  |   |            |                             |                             |
| 9. Statement and signature.<br><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><br><br><div style="display: flex; justify-content: space-between;"><div><b>RALPH E. LOCHER</b><br/><b>REG. NO. 41,947</b><br/><br/>Name of Person Signing</div><div style="text-align: center;"><br/>Signature</div><div style="text-align: right;">April 21, 2005<br/>Date</div></div><br>Total number of pages including cover sheet, attachments, and document: <div style="border: 1px solid black; width: 30px; text-align: center; margin: 0 auto;">3</div> |  |   |            |                             |                             |

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04/26/2005

Mail documents to be recorded with required cover sheet information to:  
Mail Stop Assignment Recordation Services  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Docket No.: 1999P8006

## ASSIGNMENT

WHEREAS WE, DETLEF HOMMEL and HELMUT WENISCH, residing respectively at BREMEN, Germany and SENDAI, Japan, have invented certain new and useful improvements in a

### SEMICONDUCTOR COMPONENT FOR GENERATING POLYCHROMATIC ELECTROMAGNETIC RADIATION

for which an application for Letters Patent of the United States of America was executed on the date of execution of this assignment;

WHEREAS, OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG, a German corporation doing business at Regensburg, Germany, is desirous of acquiring the entire interest in said invention, and in any and all Letters Patent of the United States that may be obtained therefor;

NOW, THEREFORE, be it known that for and in consideration of our employment by the said corporation and other valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said corporation, its legal representatives, successors and assigns, the full and exclusive right to the said invention as fully set forth and described in the above-mentioned application, and to said application and any and all divisions and continuations thereof, and any and all Letters Patent of the United States which may be granted therefor, and any and all reissues of said Letters Patent, the same to be held and enjoyed by the said corporation, its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted or may be reissued or extended, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

AND WE hereby authorize the Commissioner of Patents to issue any and all Letters Patent of the United States on said invention or resulting from said Application and from any and all divisions and continuations thereof to the said corporation as the assignee of the entire right, title and interest in and to the same.

IN TESTIMONY WHEREOF, we have hereunto set our hands and seals.

In the presence of:

S. G. J. X

H. W. J.

Detlef Hommel (LS)  
DETLEF HOMMEL

Helmut Wensch (LS)  
HELMUT WENISCH

Date: 13. August 2001

Date: \_\_\_\_\_

Docket No.: 1999P8006

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SAGAMIHARA  
SHI  
H.W.  
13. August  
2001

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IN TESTIMONY WHEREOF, we have hereunto set our hands and seals.

In the presence of:

Satoshi Itoh  
Takanuki Kawasumi

\_\_\_\_\_(LS)  
DETLEF HOMMEL

Date: \_\_\_\_\_

Helmut Wensch (LS)  
HELMUT WENISCH

Date: 13. August 2001