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

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

- a) Hartmut G. HAENSEL
- b) Petra HENNIG
- c) Dirk LORENZEN
- d) Guido BONATI

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

- a) 11/08/2005,
- b) 11/04/2005,

Execution Date: c) & d) 11/03/2005, respectively

2. Name and address of receiving party(ies)

Name: JENOPTIK Laserdiode GmbH

Internal Address: \_\_\_\_\_

Street Address: Goeschwitzer Strasse 29

D-07745 Jena, GERMANY

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

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

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

11/08/2005  
11/04/2005  
11/03/2005

If this document is being filed together with a new application, the execution date of the application is: 11/03/2005

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: REED SMITH LLP

Internal Address: c/o Gerald H. Kiel

e-mail: gkiel@reedsmith.com

Street Address: 599 Lexington Avenue

City: New York State: NY Zip: 10022-7650

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$ 40.00

- Enclosed w/Filing fee of \$ 1,040.00
- Authorized to be charged to deposit account

8. Deposit account number:

50-1529

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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.

Gerald H. Kiel - Reg. No. 25,116

Name of Person Signing

*Gerald H. Kiel*  
Signature

November 23, 2005

Date

Total number of pages including cover sheet, attachments, and documents: 3

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

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11/29/2005 RMEBRAHT 00000048 11286251  
04 FC:8021 40.00 OP

PATENT  
REEL: 017276 FRAME: 0549

**ASSIGNMENT - PATENT APPLICATION**

**UNITED STATES OF AMERICA**

Whereas, I/We Hartmut G. Haensel, Petra Hennig, Dirk Lorenzen and Guido Bonati, of Im Klieber 4, D-07751 Jena, Germany; Am Raederweg 18, D-07646 Moersdorf, Germany; Bertholt-Brecht-Strasse 4, D-07745 Jena, Germany; Rainer-Maria-Rilke-Strasse 10, D-99425 Weimar, Germany, respectively (hereinafter "Assignor"), have invented certain new and useful improvements in DIODE LASER MODULE AND METHOD FOR THE PRODUCTION THEREOF which application for Letters Patent in the United States of America \_\_X\_\_ is about to be filed; \_\_\_ has been filed.

And Whereas, JENOPTIK Laserdiode GmbH, of Goeschwitzer Strasse 29, D-07745 Jena, Germany (herein "Assignee") is/are desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor:

Now, Therefore, be it known by all whom it may concern, that for good and valuable consideration (the sufficiency of which is hereby acknowledged) the Assignor has assigned, transferred and set over, and by these presents does assign, transfer and set over unto the said Assignee for the territory of the United States of America, the full and exclusive right, title and interest in and to the said invention, as fully set forth and described in the specification.

A. prepared and executed on even date(s) herewith \_\_\_\_\_


B. filed in the U.S. Patent and Trademark Office under Serial No. \_\_\_\_\_ filed on \_\_\_\_\_ including any division, continuation, substitute or renewal application thereof; said invention, application and Letters Patent to be held and enjoyed by the said Assignee to the full end of the term for which said Letters Patent is granted, as fully and entirely as the same would have been held by the Assignor had this assignment and transfer not been made.

Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent for said invention to said Assignee.

In testimony whereof, the Assignor has hereunto set his hand this

8 day of November 2005.

**WITNESS:**

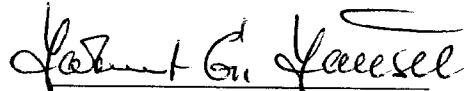
  
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