

PT/990859  
IAP05Rec'd PCT 22 FEB 2008

03-04-2008

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



103485913

To the Director of the U.S. Patent and Trademark Office

Documents or the new address(es) below.

1. Name of conveying party(ies):

Tetsuhiro TANABE

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s): February 1, 2008

- ☒ Assignment ☐ Merger ☐ Change of Name  
☐ Security Agreement ☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

2. Name and address of receiving party(ies)

Name: ROHM CO., LTD.

Internal Address:

Street Address:

21, Saiin Mizosaki-cho, Ukyo-ku,

City: Kyoto-shi

State:

Country: JAPAN

Zip:

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

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Title: MONOLITHIC SEMICONDUCTOR LASER

Additional numbers attached? ☐ Yes ☒ No

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

Name: Robert H. Berdo, Jr.  
RABIN & BERDO, PC

Internal Address: Atty. Dkt.: KAW-157NP

Street Address: 1101 14th St., NW  
Suite 500

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 4591  
Expiration Date 08/09

b. Deposit Account Number  
Authorized User Name

9. Signature:

*Robert Berdo*  
Signature

February 22, 2008

Date

Robert H. Berdo, Jr. - 38,075

Name of Person Signing

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

2

02/26/2008 FREY1 00000024 11990859

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PATENT

REEL: 020606 FRAME: 0404

**ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT**

WHEREAS Tetsuhiro Tanabe,

hereinafter referred to collectively as the assignor, has invented a certain improvement relating to

MONOLITHIC SEMICONDUCTOR LASER,

[ ] the inventor(s) declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

[ ] said application having been filed in the United States Patent and Trademark Office on \_\_\_\_\_, authorization being hereby given to my attorneys, Steven M. Rabin, Robert H. Berdo, Jr., Phillip G. Avruch, and Allen Wood of RABIN & BERDO, P.C., 1101 14th Street, N.W., Washington, D.C. 20005, to insert here in parentheses (Application Serial No. \_\_\_\_\_) the application serial number of said application when known;

AND WHEREAS ROHM CO., LTD., 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Japan

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 01 day of February, 2008.

**WITNESSES:**

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

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

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

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

**ASSIGNOR:**

Signature: Tetsuhiro Tanabe

Name: Tetsuhiro Tanabe

RABIN & BERDO, P.C., Washington, D.C.