

08-16-1999

PATENTS (



10111768J

To The Honorable Commissioner of Patents and Trademarks: Please record this document or copy thereof.

1. Name of conveying party(ies):  
Naotaro Nakata  
Akihisa Yoshida  
*MRO 8/6/99*  
Additional names(s) of conveying party(ies)  Yes  No

2. Name and address of receiving party(ies):  
Name: Rohm Co., Ltd  
Internal Address: \_\_\_\_\_  
*10510 U.S. PTO  
09/369513  
08/05/99*

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: July 29, 1999

Street Address: 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto, Japan  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Additional names(s) & address(es)?  Yes  No

4. Application number(s) or registration numbers:  
If this document is being filed together with a new application, the execution date of the application is: July 29, 1999  
A. Patent Application No.(s) \_\_\_\_\_ B. Patent No.(s): 09/369513  
Additional numbers attached:  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Gerald T. Bodner  
Internal Address: Hoffmann & Baron, LLP  
6900 Jericho Turnpike  
Syosset, New York 11791

6. Total number of applications and patents involved: 1  
7. Total Fee (37 CFR 3.41):.....\$ 40.00  
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account.  
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8. Deposit account no: 08-2461

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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 T. Bodner *Gerald T. Bodner* Aug. 6, 1999  
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 5

08/12/1999 JWS/ELM 0000013 09369513 40.00 UP  
02 FC:501

For:  U.S. and/or  Foreign Rights  
 For:  U.S. Application;  
 U.S. Provisional Application;  
 U.S. Patent; or  
 PCT Application  
 By:  Inventors or  Present Owners

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS: (inventor(s) or person(s) or entity(ies) who own the invention)

Naotaro NAKATA  
 Name  
 c/o Rohm Co., Ltd.  
 21, Saiin Mizosaki-cho, Ukyo-ku,  
 Address  
KYOTO, Japan  
Japan  
 Nationality

Akihisa YOSHIDA  
 Name  
 c/o Rohm Co., Ltd.  
 21, Saiin Mizosaki-cho, Ukyo-ku,  
 Address  
KYOTO, Japan  
Japan  
 Nationality

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

Recorded on \_\_\_\_\_ Reel \_\_\_\_\_  
 Frame \_\_\_\_\_

hereby sells, assigns and transfers to

ASSIGNEE:

Rohm Co., Ltd.  
 (Type or print name of ASSIGNEE)  
21, Saiin Mizosaki-cho, Ukyo-ku, KYOTO, Japan  
 Address  
Japan

and the successors, assigns and legal representatives of the ASSIGNEE,

(complete one of the following)

- the entire right, title and interest
- an undivided \_\_\_\_\_ percent (\_\_\_\_\_% ) interest

for the United States and its territorial possessions

- and in all foreign countries, including all rights to claim priority,

in and to any and all improvements which are disclosed in the invention entitled:

SEMICONDUCTOR LASER AND OPTICAL SYSTEM HAVING A COLLIMATOR LENS

and which is found in

(check and complete (a), (b), (c), (d), (e), (f), or (g))

- (a)  U.S. patent application executed on even date herewith
- (b)  U.S. patent application executed on \_\_\_\_\_
- (c)  U.S. provisional application naming the above inventor(s) for the above-identified invention.  
  - Express Mail label No.: \_\_\_\_\_, mailed: \_\_\_\_\_
  - To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known
- (d)  U.S. application Serial No. \_\_\_\_\_ filed on \_\_\_\_\_
- (e)  International application No. PCT/\_\_\_\_/\_\_\_\_\_
- (f)  U.S. Patent No. \_\_\_\_\_ issued \_\_\_\_\_  
  - A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
- (g)  and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any re-issue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this

**WARNING:** Date of signing must be the **same** as the date of execution of the application if item (a) was checked above.

Date:  July 29, 1999  
Date of signing

Nastaro Nakata  
SIGNATURE of ASSIGNOR

Date:  July 29, 1999

Akihisa Yoshida

(If ASSIGNOR is a legal entity, complete the following information)

\_\_\_\_\_  
Type or print the name of the above person  
authorized to sign on behalf of ASSIGNOR

\_\_\_\_\_  
Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.

[ ] Notarization or Legalization Page Added.

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1. Name of conveying party(ies):

Naotaro Nakata  
Akihisa Yoshida

Additional names(s) of conveying party(ies) \_\_\_ Yes  No

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

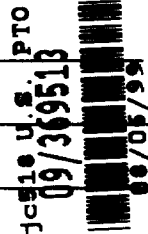
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Gerald T. Bodner  
Name of Person Signing

Gerald T. Bodner  
Signature

Aug. 6, 1999  
Date

Total number of pages including cover sheet, attachments, and document: 5