

FORM PTO-1585

01-24-2003

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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Box Assignment -- Commissioner of Patents: Please record the attached original documents or copy thereof.

**1. Name of conveying party(ies):**

MINATO, Ryuichiro

ONO, Takahiro

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

Name: THE FURUKAWA ELECTRIC CO. LTD.

Street address: 6-1 Marunouchi 2-chome  
Chiyoda-ku  
TOKYO 100-8322  
JAPAN**3. Nature of conveyance:**

- ☒ Assignment  
☐ Security Agreement  
☐ Merger  
☐ Change of Name  
☐ Other:

Execution Date: September 17, 2002

**4. Application numbers or patent number(s):** 10/255,919If this document is being filed together with a new application, the execution date of the application is: **September 26, 2002****5. Name and address of party to whom correspondence concerning document should be mailed:**COUDERT BROTHERS LLP  
600 Beach Street, Third Floor  
San Francisco, CA 94109  
Telephone: 415-409-2900  
Facsimile: 415-409-7400**6. Total number of applications and patents involved:** 1**7. Total fee (37 CFR 3.41):** \$40.00☒ Enclosed

8. The Commissioner is hereby authorized to charge any additional fees which may be required to record the attached Assignment(s) under 37 C.F.R. §§1.16-1.17 or credit any overpayment, to Deposit Account No. 13-0201. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 13-0201.

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.*

Hal R. Yeager  
Name of Person Signing  
Registration No: 35,419

Signature

Date

1/15/2003

\*Total number of pages including cover sheet, attachments and document: 3

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# Assignment of Application

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7/8/16US  
(JPFP36US)

## WHEREAS I (WE)

Ryuichiro MINATO and Takahiro ONO

of c/o THE FURUKAWA ELECTRIC CO., LTD., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan

respectively, have

invented certain new and useful improvements in:

SEMICONDUCTOR LASER DEVICE AND METHOD FOR MANUFACTURING THE SAME

for which an application for Letters Patent was executed on September 17, 2002

(Application No. 10/255,919, filed September 26, 2003, and

**WHEREAS, THE FURUKAWA ELECTRIC CO., LTD.**

(hereinafter referred to as "ASSIGNEE") having a place of business at:

**6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan**

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorized and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

7/18/609

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Coudert Brothers, LLP, 600 Beach Street, 3<sup>RD</sup> Floor, San Francisco, California 94109, the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: <u>September 17, 2002</u>	<u>Ryuichiro Minato</u> (Signature of Inventor) <b>Ryuichiro MINATO</b>
Date: <u>September 17, 2002</u>	<u>Takahiro Ono</u> (Signature of Inventor) <b>Takahiro ONO</b>
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)

COUDERT BROTHERS, LLP  
ATTORNEYS AT LAW  
600 BEACH STREET, 3<sup>RD</sup> FLOOR  
SAN FRANCISCO, CALIFORNIA 94109