

09-11-2000

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09/600 199

Patents and  
Trademarks Office  
File No: FP 612 US

101453584

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

1. Name of conveying Party(ies):

*med*  
*7/21*  
**Yuichiro IRIE**  
**Jun MIYOKAWA**  
**Takeo Shimizu**

2. Name and address of receiving party(ies)

Name: **The Furukawa Electric Co., Ltd.**  
Street Address: **6-1 Marunouchi 2-chome**  
City: **Chiyoda-ku, Tokyo 100**  
Country: **Japan**

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

3. Nature of Conveyance:

Additional name(s) & addresses attached? Yes No **X**

**X** Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name

Execution Date: **July 17, 2000**

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

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

A. Patent Application No.(s) **09/600,199**

B. Patent No.(s)

Additional numbers attached? Yes No **X**

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

Name: **Randy W. Lacasse**  
**Lacasse & Associates**  
Address: **2001 Jefferson Davis Highway, Suite 806**  
City: **Arlington, Virginia, 22202**  
Country: **U.S.A.**

6. Total number of applications and patents involved **1**

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

**X** Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number: \_\_\_\_\_  
(attach duplicate copy of this sheet if paying by deposit acct)

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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.

**Randy Lacasse**

Name of Person Signing

*Randy W. Lacasse*  
Signature

*8/21/00*  
Date

Total number of pages including cover sheet, attachments and document **4**

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments, Washington D.C. 20231

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PATENT  
REEL: 011046 FRAME: 0635

**ASSIGNMENT**

Whereas, **Yuichiro IRIE, Jun MIYOKAWA and Takeo SHIMIZU**, citizens of **Japan**, whose full post office address for each of above-named inventors is **c/o 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 Japan**, have made an invention as described in the application for Letters Patent in the United States of America entitled

**LASER DIODE MODULE AND ITS  
MANUFACTURE METHOD**

filed under international No. **PCT/JP99/06288 on November 11, 1999.**

And WHEREAS **The Furukawa Electric Co., Ltd.**, whose full post office address is **6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 Japan**, is desirous of acquiring the entire interest therein;

NOW, THEREFORE, in consideration of ONE DOLLAR (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, by these presents do sell, assign and transfer unto **The Furukawa Electric Co., Ltd.**, the full and exclusive right, for the territory of the United States Of America, and all other countries, in and to the said invention, and we hereby request the Commissioner of Patents and Trademarks to issue said Letters Patents to **The Furukawa Electric Co., Ltd.**, as the assignee, for the sole use and behoof of **The Furukawa Electric Co., Ltd.**, and its legal representatives, 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 myself had this assignment and sale not been made.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.

Executed this 17th day of July, 2000.

at Chiba, Japan.

Yuichiro Irie

**Yuichiro IRIE**

**Declaration by Witness**

I, Takeshi Irie, whose full post office address is  
2-6-61-405, Tateyama-cho, Ichihara, Chiba, Japan say:

That I was personally present and did see **Yuichiro IRIE**, who is personally known to me, duly sign and execute the above Assignment.

Takeshi Irie  
Signature of Witness

Executed this 17th day of July, 2000.

at Chiba, Japan.

Jun Miyokawa

**Jun MIYOKAWA**

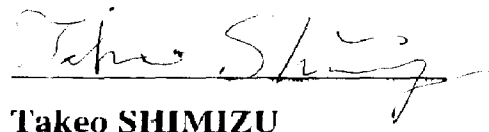
**Declaration by Witness**

I, Takeshi Akiyoshi, whose full post office address is  
2-6-61-405, Tateyama-cho, Ichihara, Chiba, Japan say:

That I was personally present and did see **Jun MIYOKAWA**, who is personally known to me, duly sign and execute the above Assignment.

Takeshi Akiyoshi  
Signature of Witness

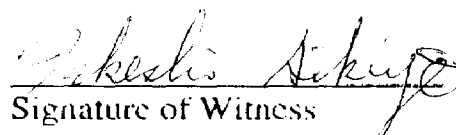
Executed this 17<sup>th</sup> day of July, 2000.  
at Chiba, Japan.

  
Takeo SHIMIZU

**Declaration by Witness**

I, Takeshi Akiyama, whose full post office address is  
2-6-61-ko Tateyama-dai-nishi, Ichihara, Chiba, Japan say:

That I was personally present and did see **Takeo SHIMIZU**, who is personally  
known to me, duly sign and execute the above Assignment.

  
Signature of Witness