

08-06-2001

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TO THE ASSISTANT COMMISSIONER FOR PATENT

101800529

ments or copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

- 1) Takehiko Nomura
- 2) Masayuki Iwase

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

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

**Name:** The Furukawa Electric Co., Ltd.**Street Address:** 6-1 Marunouchi 2-chome, Chiyoda-ku**City:** Tokyo 100-8322**Country:** Japan

Additional name(s) of receiving party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above)

- 1) July 2, 2001
- 2) July 2, 2001

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

☐ Application(s) filed herewith Execution Date(s):☒ Patent Application No.: 09/767,231  
Filing Date: January 22, 2001☐ Patent No.:  
Issue Date:Additional numbers attached? ☐ Yes ☒ No

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

**Name:** Mark M. Abumeri  
KNOBBE, MARTENS, OLSON & BEAR, LLP  
**Customer No.** 20,995**Internal Address:** Sixteenth Floor  
**Street Address:** 620 Newport Center Drive  
**City:** Newport Beach **State:** CA **ZIP:** 92660  
**Attorney's Docket No.:** IGARA9.001AUS

7. Total fee (37 CFR 1.21(h)): \$40

☒ Enclosed

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

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.

Mark M. Abumeri  
Name of Person Signing

Signature

Date

43,458  
Registration No.

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

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

08/03/2001 DBYRME 00000184 09767231

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PATENT  
REEL: 012028 FRAME: 0530

## ASSIGNMENT

WHEREAS, We, Takehiko Nomura, a Japanese citizen, residing at Tokyo, Japan, Masayuki Iwase, a Japanese citizen, residing at Tokyo, Japan, have invented certain new and useful improvements in a SILICON PLATFORM FOR OPTICAL MODULES for which we have filed an application for Letters Patent in the United States, Application No. 09/767,231, January 22, 2001;

AND WHEREAS, The Furukawa Electric Co., Ltd. (hereinafter "ASSIGNEE"), a Japanese Corporation, with its principal place of business at 6-1 Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 Japan, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2 day of July, 2001.

Takehiko Nomura  
Takehiko Nomura

STATE OF  
COUNTY OF

}  
ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Takehiko Nomura personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Takeo Shimizu  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2nd day of July, 2001.

Masayuki Iwase  
Masayuki Iwase

STATE OF  
COUNTY OF

}  
ss.

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Masayuki Iwase personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Takeshi Shimizu  
Notary Signature

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