

07-11-2002



FORM PTO-1596  
1-31-92

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Docket No.: 50212-398

102150661  
PATENTS ONLY

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies):  
Masayuki INOUE, Motoki KAKUI and Masakazu SHIGEHARA  
*06/28/02*  
Additional name(s) of conveying party(ies) attached?  Yes

2. Name and address of receiving party(ies):  
Name: SUMITOMO ELECTRIC INDUSTRIES, LTD.  
Address: 5-33, Kitahama 4-chome  
Chuo-ku, Osaka-shi  
Osaka 541-0041, JAPAN  
Additional name(s) & address(es) attached?  Yes

11017 U.S. PTO  
10/183366  
06/28/02

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
Execution Date: June 20 and June 21, 2002 (respectively)

4. Application number(s) or patent number(s): *10/183366*  
If the document is being filed together with a new application, the execution date of the application is: June 20 and June 21, 2002 (respectively)  
A. Patent Application No(s). B. Patent No(s).  
Additional numbers attached?  Yes

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: MCDERMOTT, WILL & EMERY  
Internal Address:  
Street Address: 600 13<sup>th</sup> Street, N.W.  
City: Washington State: DC Zip: 20005

6. Total number of applications and patents involved: 1  
7. Total fee (37 CFR 3.41) \$40.00  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number:  
500417

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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.*  
Arthur J. Steiner, 26,106 *[Signature]* June 28, 2002

Name and Registration No. of Person Signing Signature Date  
Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

07/10/2002 6TOM11 00000101 500417 10183366  
01 FC:581 40.00 CH

**ASSIGNMENT**

Whereas, I/we,

NameAddress1) **Masayuki INOUE**

c/o Yokohama Works of Sumitomo Electric Industries, Ltd.,

1, Taya-cho, Sakae-ku,  
Yokohama-shi, Kanagawa 244-8588 Japan2) **Motoki KAKUI**

c/o Yokohama Works of Sumitomo Electric Industries, Ltd.,

1, Taya-cho, Sakae-ku,  
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c/o Yokohama Works of Sumitomo Electric Industries, Ltd.,

1, Taya-cho, Sakae-ku,  
Yokohama-shi, Kanagawa 244-8588 Japan

hereinafter called assignor(s), have invented certain improvements in  
**Pumping Light Source Unit, Raman Amplifier, and Optical Transmission System**

and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below:

filed on \_\_\_\_\_, Serial No. \_\_\_\_\_; and

Whereas

**SUMITOMO ELECTRIC INDUSTRIES, LTD.**  
5-33, Kitahama 4-chome, Chuo-ku,  
Osaka-shi, Osaka 541-0041 Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

INVENTORSDATE SIGNED

1):

*Masayuki Inoue*

Name:

**Masayuki INOUE***June 20, 2002*

2):

*Motoki Kakui*

Name:

**Motoki KAKUI***June 20, 2002*

3):

*Masakazu Shigehara*

Name:

**Masakazu SHIGEHARA***Jun. 21, 2002*

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)