



08-18-2003

FORM PTO-1595
(Rev. 10/02)

RECO

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 50212-480

102526569

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

1. Name of Conveying Party(ies): **8-13-03**
Masaki FURUMAI, Shuzo SUZUKI, Hitoshi TERAUCHI,
Manabu YOSHIMURA, Kazuhito SAITO, Manabu SHIOZAKI and
Kazunori YOSHIDA

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

3. Nature of Conveyance:

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

Execution Date: June 16, June 22, June 16, June 19, June 16, June
19 and June 17, 2003 (respectively)

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 ☐ No

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

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

A. Patent Application No(s).

10/390,187, filed March 18, 2003

B. Patent No(s).

Additional numbers attached? ☐ Yes ☐ No

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

Name: MCDERMOTT, WILL & EMERY

Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington State: D. C. Zip: 20005-3096

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

August 13, 2003

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet: 1

OMB No. 0651-0027 (exp. 6/30/2005)

08/15/2003 ECT/OPER 00000183 500417 10390187

01 FC:8021

40.00 DA

PATENT
REEL: 014383 FRAME: 0060

ASSIGNMENT

Whereas, I/we,

NameAddress

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

1) **Masaki FURUMAI**1-3, Shimaya 1-chome, Konohana-ku,
Osaka-shi, Osaka 554-8511 Japan

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

2) **Shuzo SUZUKI**1, Taya-cho, Sakae-ku,
Yokohama-shi, Kanagawa 244-8588 Japan

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

3) **Hitoshi TERAUCHI**1-3, Shimaya 1-chome, Konohana-ku,
Osaka-shi, Osaka 554-8511 Japan

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

4) **Manabu YOSHIMURA**1, Taya-cho, Sakae-ku,
Yokohama-shi, Kanagawa 244-8588 Japan

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

5) **Kazuhito SAITO**1, Taya-cho, Sakae-ku,
Yokohama-shi, Kanagawa 244-8588 Japan

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

6) **Manabu SHIOZAKI**1, Taya-cho, Sakae-ku,
Yokohama-shi, Kanagawa 244-8588 Japan

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

7) **Kazunori YOSHIDA**1-3, Shimaya 1-chome, Konohana-ku,
Osaka-shi, Osaka 554-8511 Japan

hereinafter called assignor(s), have invented certain improvements in
FERRULE PART AND OPTICAL COMMUNICATIONS MODULE

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

filed on **March 18, 2003**, Serial No. **10/390187**; 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 SIGNED1): Masaki FurumaiName: **Masaki FURUMAI**June 16, 20032): Shuzo SuzukiName: **Shuzo SUZUKI**June 22, 2003

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

3):

Name:

Hitoshi TERAUCHI

4):

Name:

~~Kazuhito Saito~~ ^{Manabu}
Manabu YOSHIMURA ^{July 8, 2003} ^{Yoshimura}

5):

Name:

~~Manabu Yoshimura~~ ^{Kazuhito Saito}
Kazuhito SAITO ^{M.Y. July 4, 2003}

6):

Name:

Manabu SHIOZAKI

7):

Name:

Kazunori YOSHIDA

June, 18, 2003

June 16, 2003

June 19, 2003

June 17, 2003

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ASSIGNMENT

Whereas, I/we,

NameAddress1) **Masaki FURUMAI**

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

1-3, Shimaya 1-chome, Konohana-ku,
Osaka-shi, Osaka 554-8511 Japan

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

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 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,
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INVENTORSDATE SIGNED

1):
 Name: **Masaki FURUMAI**

2):
 Name: **Shuzo SUZUKI**

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

3):

Name:

Hitoshi Terauchi

Hitoshi TERAUCHI

16/June/2003

4):

Name:

Manabu YOSHIMURA

5):

Name:

Kazuhito SAITO

6):

Name:

Manabu SHIOZAKI

7):

Name:

Kazunori YOSHIDA

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Page 2 of 2

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PATENT
REEL: 014383 FRAME: 0064