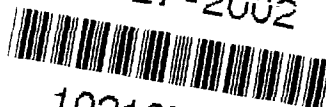




06-27-2002



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FORM PTO-1596
1-31-92

R.

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 50212-356

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):

Kenichiro OHTSUKA, Yoshikyo TAMEKUNI, Hiroshi
KATSURA, Tomohiko UEDA, Toshiaki KAKII

06/18/02

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

3. Nature of Conveyance:

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

Execution Date: June 7, 2002, June 10, 2002

Additional name(s) & address(es) attached? ☐ Yes

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).

10/084,663 filed February 28, 2002

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 13th 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

June 18, 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)

06/26/2002 6TON11 00000112 500417 10084663

01 FC:581

40.00 CH

PATENT
REEL: 013015 FRAME: 0745

ASSIGNMENT

Whereas, I/we,

NameAddress

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

1) **Kenichiro OHTSUKA**1, Taya-cho, Sakae-ku,
Yokohama-shi, Kanagawa 244-8588 Japan

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

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

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

3) **Hiroshi KATSURA**1, Taya-cho, Sakae-ku,
Yokohama-shi, Kanagawa 244-8588 Japan

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

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

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

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

hereinafter called assignor(s), have invented certain improvements in
Optical connector ferrule, optical connector and making method for them

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

filed on **February 28, 2002**, Serial No. **10/084663**; 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): Kenichiro Ohtsuka
 Name: **Kenichiro OHTSUKA**

June 7, 2002

2): Yoshikyo Tamekuni
 Name: **Yoshikyo TAMEKUNI**

June 10, 2002

3): Hiroshi Katsura
 Name: **Hiroshi KATSURA**

June 10, 2002

4): Tomohiko Ueda
 Name: **Tomohiko UEDA**

June 7, 2002

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

5):

Name:

Toshiaki Kakii

Toshiaki KAKII

June 7, 2002

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

Page 2 of 2

RECORDED: 06/18/2002

PATENT
REEL: 013015 FRAME: 0747