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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 50212-181

101668354

To the Honorable Commissioner for F

Attached original documents or copy thereto:

1. Name of Conveying Parties:

Hiroshi KOHDA, Kazuhito SAITO, and Takeo KOMIYA

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

3. Nature of Conveyance:

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

Execution Date: December 18, December 20, and December 19, 2000

2. Name and address of receiving party:

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

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: December 18, December 20, and December 19, 2000

A. Patent Application No(s).

09763803

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.

03/02/2001 MNGUYEN 00000105 500417 09763803

04 FC-541 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

Arthur J. Steiner

February 27, 2001

Name and Registration No. of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

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

ASSIGNMENT

Whereas, I/we,

Name

Address

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

1) **Hiroshi KOHDA**

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

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

2) **Kazuhito SAITO**

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

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

3) **Takeo KOMIYA**

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

hereinafter called assignor(s), have invented certain improvements in
**OPTICAL SWITCH, OPTICAL-FIBER-ARRAYING-MEMBER, PRODUCTION METHOD THEREOF, AND ARRAYING
METHOD OF OPTICAL FIBERS**

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

Whereas filed on _____, Serial No. _____; and

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.

INVENTORS

DATE SIGNED

1): Hiroshi KOHDA
Name: Hiroshi KOHDA

December 18, 2000

2): Kazuhito Saito
Name: Kazuhito SAITO

December 20, 2000

3): Takeo KOMIYA
Name: Takeo KOMIYA

December 19, 2000