

05-01-2000

(09/445720)
CT/PTO 10 DEC 1999

FORM PTO-1596

1-31-92

Docket No.: 50212-073



101339425

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof:

1. Name of Conveying Party(ies):
Hiroshi KATSURA, Wataru SAKURAI, Toshiaki KAKII,
and Masahiro SHIBATA

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) of conveying party(ies) attached? Yes

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: December 2, December 3, December 1, and
December 3, 1999 (respectively)

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 2, December 3,
December 1, and
December 3, 1999
(respectively)

A. Patent Application No(s).

B. Patent No(s).

12/16/1999 MCLAYRD 00000021 500417 09445720
03 FC:581 40.00 CH

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
Name and Registration No. of Person Signing

Signature Date
December 10, 1999

Total number of pages comprising cover sheet: 1

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

PATENT
REEL: 010734 FRAME: 0255

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- (1) Hiroshi KATSURA (4) Masahiro SHIBATA
- (2) Wataru SAKURAI (5) _____
- (3) Toshiaki KAKII (6) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

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

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

OPTICAL FIBER POSITIONING MEMBER

- (a) for which an application for United States Letters Patent was filed on _____ and identified by United States Serial No. _____ ; or
- (b) for which an application for United States Letters Patent was executed on even date herewith,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS	DATE SIGNED
1) <u>Hiroshi Katsura</u> Name: Hiroshi KATSURA	<u>December 2, 1999</u>
2) <u>Wataru Sakurai</u> Name: Wataru SAKURAI	<u>December 3, 1999</u>
3) <u>Toshiaki Kakii</u> Name: Toshiaki KAKII	<u>December 1, 1999</u>
4) <u>Masahiro Shibata</u> Name: Masahiro SHIBATA	<u>December 3, 1999</u>

RECORDED: 12/10/1999

**PATENT
REEL: 010734 FRAME: 0256**