

## BOX ASSIGNMENTS

12-29-1998

DO NOT USE FOR TRADEMARKS

ET  
ONLYTO THE ASSISTANT COMMISSIONER  
SIR: PLEASE RECORD THE ATTACH.

100930317

HEREOF.

## 1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

1. WATANABE, Tsutomu

2. ISHIKAWA, Shinji

3.  
4.  
5.  
6.  
7.  
8.

12-9-98

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐ YES ☒ NOJCS11 U.S. PTO  
09/207576  
12/08/98

## 2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: Sumitomo Electric Industries, Ltd.

ADDRESS: 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, Japan

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐ YES ☒ NO

## 3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)☒ ASSIGNMENT OF ☒ WHOLE ☐ PART INTEREST

EXEC. DATE: June 14, 1996

☐ CHANGE OF NAME ☐ VERIFIED TRANSLATION  
☐ SECURITY ☐ MERGER ☐ OTHER:

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) June 14, 1996

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? ☐ YES ☒ NO

A. PAT. APP. NO.(S) series code/serial no	M#	1 <sup>st</sup> INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 <sup>st</sup> INVENTOR if not in item 1
	258049				

5. Name & Address of Party to Whom Correspondence  
Concerning Document Should be Mailed:Pillsbury Madison & Sutro LLP  
Intellectual Property Group  
1100 NEW YORK AVENUE, NW  
NINTH FLOOR, EAST TOWER  
WASHINGTON, D.C. 20005-3918

6. NUMBER INVOLVED:

APPLNS 1 + PATS \_\_\_\_\_ = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)

ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

PMS 258049 S02-111802M  
MATTER NO. CLIENT REF.8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE  
INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975  
UNDER ORDER NO 51273 258049  
dup. sheet not required CLIENT NO. MATTER NO.

## 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.

10. Total number of pages including this  
cover sheet, attachments and document  
(do not file dup. Cover sheet)

2

Signature

Attorney: Glenn J. Perry

Reg. No. 28458

Atty/Sec: GJP/blq

TEL: (202) 861-3070

Date: December 8, 1998

FAX: (202) 822-0944

FILE WITH PTO RETURN RECEIPT (PAT-103A)

PATENT

PAT-114X 3/98

REEL: 009658 FRAME: 0290

USA Patent Appln.  
Sole or Joint

Atty. Dkt. 224579  
For Inventions made outside USA  
executed with or after application  
MA 802-94555M/LKH  
Client Ref.

NONPROVISIONAL

ASSIGNMENT  
OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT  
NAME(S) OF  
INVENTOR(S)

(1) Tsutomu Watanabe	(4)
(2) Shinji Ishikawa	(5)
(3)	[ ] x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT  
NAME(S) OF  
ASSIGNEE(S)  
& ADDRESS(ES)

SUMITOMO ELECTRIC INDUSTRIES, LTD. of

5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, Japan

(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 and all applications including any and all divisions, continuations, substitutes, and reissues thereof, and all resulting patents, known as

TITLE OF  
INVENTION

OPTICAL FIBER COUPLING MEMBER, METHOD OF PRODUCING THE SAME  
AND METHOD OF CONNECTING OPTICAL FIBERS

for which the undersigned executed an application for Letters Patent of the United States of America:

NOTE →→  
(Complete  
line A, B and/or C)

- (A) ☒ even date herewith  
(B) ☐ on \_\_\_\_\_  
(C) ☐ in U.S. Appln. No. \_\_\_\_\_ / \_\_\_\_\_ filed \_\_\_\_\_

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE →→ The undersigned hereby authorize(s) Cushman Darby & Cushman, L.L.P. of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTOR(S)

DATE SIGNED

WITNESSES

1) <u>Tsutomu Watanabe</u> Name: Tsutomu Watanabe	June 14, 1996	<u>Toshio Miyazawa</u>
2) <u>Shinji Ishikawa</u> Name: Shinji Ishikawa	June 14, 1996	<u>Toshio Miyazawa</u>
3) _____ Name: _____	_____	_____
4) _____ Name: _____	_____	_____
5) _____ Name: _____	_____	_____

IF ADDITIONAL INVENTORS, check box ☐ and continue on page 2.