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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

FORM PTO-1596  
1-31-92

Docket No.: 50212-040

To the Honorable Commissioner of

101247700

attached original documents or copy thereto:

1. Name of Conveying Party(ies):

Masashi ONISHI, Yoshio YOKOYAMA, and Masaaki HIRANO

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 540-0041, Japan

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

3. Nature of Conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: September 8, September 8, and September 9, 1999 (respectively)

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

09/402096

If the document is being filed together with a new application, the execution date of the application is: September 8, September 8, and September 9, 1999 (respectively)

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached?  Yes

5. Name and address of person to whom correspondence concerning documents should be mailed:

Name: MCDERMOTT, WILL & EMERY  
Internal Address:

Street Address: 600 13<sup>th</sup> 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

September 29, 1999

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**

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) Masashi ONISHI (4) \_\_\_\_\_
- (2) Yoshio YOKOYAMA (5) \_\_\_\_\_
- (3) Masaaki HIRANO (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

METHOD OF MAKING OPTICAL FIBER PREFORM

- (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 beside our signatures:

INVENTORS	DATE SIGNED
1) <u>Masashi Onishi</u> Name: Masashi ONISHI	<u>Sep. 8, 1999</u>
2) <u>Yoshio Yokoyama</u> Name: Yoshio YOKOYAMA	<u>Sep. 8, 1999</u>
3) <u>Masaaki Hirano</u> Name: Masaaki HIRANO	<u>Sep. 9, 1999</u>
4) _____	_____