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

1. Name of conveying party(ies):
(1) Nobuyuki HOSOUCHI (5) Michiya KITAJIMA
(2) Hiroshi TAKAWA (6) Miho INADA
(3) Takao ASAI
(4) Hideaki MATSUMOTO

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: **FUJITSU LIMITED**

Internal Address: _____

Street Address: **1-1, Kamikodanaka 4-chome,**

Nakahara-ku, Kawasaki-shi,

City: **Kanagawa** State: _____ ZIP: **211-8588**

Country: **Japan**

Additional name(s) & address(es) attached? Yes No

16625 U.S. PTO
09/512244
02784786

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: **February 8, 2000**

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

If this document is being filed together with a new application, the execution date of the application is **February 8, 2000**

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

DOCKET NO.: **FUJI 17.082**

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **HELFGOTT & KARAS, P.C.**

Internal Address: **EMPIRE STATE BUILDING
60TH FLOOR**

Street Address: **350 5TH AVENUE
SUITE 6024**

City: **NEW YORK** State: **NY** ZIP: **10118**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41).....\$ **40.00 E**

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

08-1634

(Attach duplicate copy of this page if paying by deposit account)

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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.

03/03/2000 DFLOYD 00000021 09512244
02 FC:581 Samson Helfgott

Name of Person Signing OF

Signature

2/24/00

Date

Reg. No.: **23,072**

Total number of pages including cover sheet, attachments, and document: **2**

Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231

Any fee due with this paper, not fully covered by an enclosed check, may be charged on Deposit Acct. No. 08-1634

Filed by Express Mail
(Receipt No. **ELS22353705US**)
on **2/24/00**
pursuant to 37 C.F.R. 1.10.
by **Shane Coz**

PATENT
REEL: 010583 FRAME: 0882

ASSIGNMENT

Docket No. FUJI 17.082

WHEREAS, the below named inventor, ASSIGNOR, has made a certain new and useful invention in : _____
EXCESSIVE LENGTH TREATMENT AND CARTRIDGE FOR OPTICAL FIBERS USED IN
ELECTRIC EQUIPMENT

for which

- (check one) an application is being filed concurrently herewith,
 an application for a Patent of the United States was filed on _____
 and given Application Serial No. _____

and WHEREAS, FUJITSU LIMITED
 having a place of business at 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi,
Kanagawa, 211-8588 Japan, ASSIGNEE
 is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR, has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR covenants and agrees that he has full right to convey the entire interest herein assigned, and has not executed, and will not execute, any agreement in conflict herewith.

AND ASSIGNOR further covenants and agrees that he will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

Full name of sole or first inventor Nobuyuki Hosouchi
 Inventor's signature Nobuyuki Hosouchi Date February 8, 2000
 Residence Kawasaki-shi, Kanagawa, Japan Citizenship Japan
 Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku,
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 Second Inventor's signature Hiroshi Takawa Date February 8, 2000
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Inventor's Signature Hideaki Matsumoto Date February 8, 2000

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Inventor's Signature Michiya Kitajima Date February 8, 2000

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Inventor's Signature Miho Inada Date February 8, 2000

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Full name of ~~seventeenth~~ joint inventor, if any _____

Inventor's Signature _____ Date _____

Residence _____

Citizenship _____

Post Office Address _____

Full name of ~~eighteenth~~ joint inventor, if any _____

Inventor's Signature _____ Date _____

Residence _____

Citizenship _____

Post Office Address _____