	02-08-2002	
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.		
I. Name of conveying party(ies): Toshihiro MIKAMI and Yukio KOHMURA	 2. Name and address of receiving party(ies): Name: THE FURUKAWA ELECTRIC CO., LTD. Address: 6-1, Marunouchi 2-chome, 	
Additional name(s) of conveying party(ies) attached? □Yes ■No	Chiyoda-ku, Tokyo 100-8322, Japan	
 3. Nature of Conveyance: ■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other 		
Execution Date: April 13 and 11, 2001	Additional name(s) and address(es) attached? □Yes ■No	
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:		
A. Patent Application No.(s) 09/810,507	B. Patent No.(s)	
Additional numbers attached? □Yes ■No		
Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1	
	 7. Total fee (37 CFR 3.41): \$40.00 ■ Enclosed □ Authorized to be charged to deposit account 	
22850	8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)	
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9. Statement and signature		
Registration Number: 21 124 Joseph A.	Archttele C.t. 31, 2001 ignature Date Scafetta, Jr. n No. 26,803	

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Atty Docket No.: 204832US-3	OI CAMAR 2001
FORM PTO-1595 1-31-92	A US DEPARTMENT OF COMMERCE
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Toshihiro MIKAMI et al	Name: THE FURUKAWA ELECTRIC CO., LTD.
	Address: 6-1, Marunouchi 2-chome, Chiyoda-ku,
Additional name(s) of conveying party(ies) and the day of the state of	Tokyo 100-8322, JAPAN
3. Nature of Conveyance:	
 ■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other 	
Execution Date: April 13, 11, 2001	Additional name(s) and address(es) attached? DYes MNo
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22850 DO NOT USE THIS SPACE	
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.	
C. Irvin McClelland neght A. Scofetta Jr. July 26, 2001	
Name of Person Signing Signature Date Joseph A. Scafetta, Jr.	
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08/01/2001 TBIAZ1 00000010 09810507 01 FC:581 40.00 DP

U.S. ASSIGNMENT

WHEREAS:

Toshihiro MIKAMI and Yukio KOHMURA

whose full post office address(es) is (are),

C/O THE FURUKAWA ELECTRIC CO., LTD.

6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322, Japan

(hereinafter referred to as ASSIGNOR), has/have invented certain new and useful improvements in an invention entitled: OPTICAL FIBER PREFORM SUSPENDING AND SUPPORTING APPARATUS AND OPTICAL FIBER PREFORM PROCESSING APPARATUS

(a) for which an application for United States Letters Patent is being executed and filed concurrently herewith;
(b) for which an application for United States Letters Patent was executed on ______;
(c) for which an application for United States Letters Patent

(d) for which an PCT International application was filed on as International application No.

WHEREAS:

THE FURUKAWA ELECTRIC CO., LTD. 6-1, Marunouchi 2-chome,

Chiyoda-ku, Tokyo 100-8322, Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt and sufficiency of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its lawful successors and assigns, the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign

> PATENT REEL: 012386 FRAME: 0407

countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patent of the United States and any official of any foreign country whose duty it is to issue patents of legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/WE have hereunto set hand and signed on the date indicated below:

INVENTOR(S) DATE SIGNED WITNESS(ES)

1) Totihiro milami 13 april 2001 M. Happashi

2) Yukio Houmuna 11. april 2001 K. Cpshida

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RECORDED: 07/26/2001