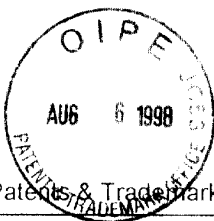


MRD 8-6-98



08-18-1998



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Commissioner of Patents & Trademarks BOX ASSIGNMENTS Washington, D.C. 20231

FORM PTO-1595 (Rev. 6-93)		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or certified copy thereof.					
1. Name of conveying Party(ies) Yasuhiro NAKA Shimpei TODO Additional name(s) of conveying party(s) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No			2. Name and Address of receiving Party(ies): Name <u>The Furukawa Electric Co., Ltd.</u> Internal Address: _____ _____ _____ Street Address: <u>No. 6-1, Marunouchi 2-chome, Chiyoda-ku</u> _____ City: <u>Tokyo</u> State/Country: <u>Japan</u> Zip: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> _____ Execution Date: <u>April 14, 1998</u>					
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)/Application Date U.S. Serial No. 09/038,985, filed March 12, 1998 B. Patent No.(s)/Patent Date					
5. Name and address of party to whom correspondence concerning this matter should be mailed: JACOBSON, PRICE, HOLMAN & STERN 400 7th Street, N.W. Washington, DC 20004 Tel. 202-638-6666 Attorney Docket No. <u>P61931US0</u>			6. Number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Any deficiencies in enclosed fees are authorized to be charged to account 8. Deposit Account No.: <u>06-1358</u> (Attach duplicate copy of this page if paying by deposit account)		
08/11/1998 09:00:00 00000010 09038985 03 00:00:00 DC 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. D. Douglas Price 24,514 Name of Person Signing/ Reg # Signature <u>[Signature]</u> Date <u>8/6/98</u> Total number of pages including cover sheet, attachments, and documents: <u>2</u>					

JPH&S 103-12/93

UNITED STATES OF AMERICA—ASSIGNMENT

- (1-6) Insert Name(s) of Inventors
- (1) Yusuhiro NAKA, and
 (2) Shimpei TODO
 (3)
 (4)
 (5) and
 (6)
- In consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the undersigned agree(s) to assign, transfer and set over to
- (7) Insert Name of assignee (7) The Furukawa Electric Co., Ltd.
 (8) Insert Address of Assignee (8) of No. 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan
 (9) Insert Legal Entity and State or Country (e.g., a corporation or citizen of Japan) (9) a corporation of Japan
 (hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention known as
- (10) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number (10) METHOD OF MEASURING OPTICAL FIBER DRAWING TENSION
 for which the undersigned has (have) executed an application for patent in the United States of America
- (11) Insert Date of Signing of Application, or filing date and Serial No., if known (11) Said application having been executed/filed on (and assigned Serial No.)

- 1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuing or divisional applications thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Union for Protection of Industrial Property or similar agreements.
 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.
 6) The undersigned hereby grant(s) the law firm of Jacobson, Price, Holman & Stern, PLLC, 400 Seventh Street, N.W., Washington, D.C. 20004, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	APR 4 1998	Name of Inventor	Yasuhiro NAKA	typed name	signature	(SEAL)
Date	APR 4 1998	Name of Inventor	Shimpei TODO	typed name	signature	(SEAL)
Date		Name of Inventor		typed name	signature	(SEAL)
Date		Name of Inventor		typed name	signature	(SEAL)
Date		Name of Inventor		typed name	signature	(SEAL)
Date		Name of Inventor		typed name	signature	(SEAL)

This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here:

☐ Additional inventor's names and signatures on a separate sheet.

Witness Michio Koyama
 Witness Masakazu

LAW OFFICES OF

JACOBSON, PRICE, HOLMAN & STERN

PROFESSIONAL LIMITED LIABILITY COMPANY

THE JENIFER BUILDING

400 SEVENTH STREET, N.W.

WASHINGTON, D.C. 20004 PATENT

JPH&S 12/92; 3/96

RECORDED: 08/06/1998

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