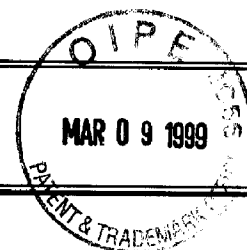


03-18-1999



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MRD 3/9/99

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

## 1. Name(s) of conveying party(ies):

Asahi Kohden Co., Ltd.

## 2. Name(s) and Address(es) of receiving party(ies):

Kawamura Electric Wire Industries, Ltd.  
3-16, Imabasi 2-chome, Chuo-ku, Osaka, Japan

## 3. Nature of conveyance: Assignment

Execution Date:

## 4A. Patent Application No.(s): 08/983,563

Application execution date :

## 4B. Patent No.(s): 5,644,672

## 5. Name and Address of Party to whom correspondence regarding this document should be mailed:

SMITH, GAMBRELL &amp; RUSSELL, LLP

Beveridge, DeGrandi, Weilacher & Young  
Intellectual Property Group

1850 M Street N.W. (Suite 800)  
Washington, DC 20036  
202 659-2811

## 6. Total number of applications and patents involved : two

## 7. Total fee: \$80.00

(Enclosed. Please charge any deficiency or refund any excess to counsel's deposit account.)

## 8. Deposit account no.: 02-4300

## 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.

Name of Person Signing : William F. Rauchholz, Reg. No. 34,701

Signature: Will. F. Rauchholz

Date: March 9, 1999

(Page 1 of 4)

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## ASSIGNMENT

WHEREAS, ASAHI KOHDEN CO., LTD., a corporation of Japan, having its place of business at 2461-1, Kamoi-Cho, Midori-ku, Yokohama-shi, Kanagawa 226, Japan, hereinafter referred to as ASSIGNOR, is the owner, by Assignment recorded in the U.S. Patent and Trademark Office on November 28, 1995, and appearing at Reel 7826, Frame 0215, of U.S. Patent No. 5,644,672, issued July 1, 1997 on an application of Toshiyasu TANAKA, entitled AN OPTICAL FIBER HOLDER USED IN OPTICAL CONNECTORS; and ASSIGNOR is also the owner, by Assignment recorded in the U.S. Patent and Trademark Office on January 22, 1998, and appearing at Reel 9067, Frame 0793, of pending U.S. Patent Application Serial No. 08/983,563, filed January 22, 1998 in the name of Toshiyasu TANAKA, entitled METHOD FOR CUTTING AN OPTICAL FIBER AND CUTTING MACHINE.


WHEREAS, KAWAMURA ELECTRIC WIRE INDUSTRIES, LTD., a corporation of Japan, whose post office address is 3-16, Imabasi 2-chome, Chuo-ku, Osaka, Japan, referred to as ASSIGNEE, is desirous of acquiring the right, title and interest in and to the said Letters Patent and in and to said U.S. Application Serial No. 08/983,563 and the invention therein described and claimed and in and to any Letters Patent that may be granted therefor in the United States:

NOW, THEREFORE, in consideration of the sum of \$10.00 paid to the ASSIGNOR by the ASSIGNEE, and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE its entire right, title and interest in and to said Letters Patent and the invention therein described and claimed, and in and to the invention described in said pending patent application and in and to any Letters Patent granted thereon, and in and to any and all reissues, divisions, continuations and extensions of said Letters Patent and said pending patent application, the same to be held and enjoyed by the ASSIGNEE, its successors and assigns to the end of the term of said Letters Patent, together with all claims for damages by reason of past infringement of said Letters Patent, with the right to sue for and collect the same for its own use and for the use of its successors and assigns; and said ASSIGNOR covenants that it has full right to convey the entire interest herein assigned, and that it has not executed and will not execute any agreements in conflict herewith.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent granted on said pending application and any divisions or continuations thereof to ASSIGNEE.

IN TESTIMONY WHEREOF, ASSIGNOR has caused these  
presents to be signed by a duly authorized officer

ASAHI KOHDEN CO., LTD.

By:   
Yoichiro Kawamoto

President

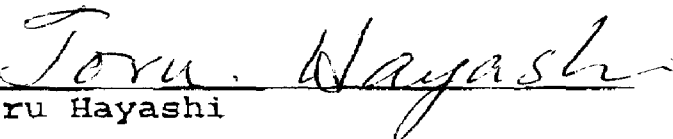
Title

February 22, 1999

Date

ACKNOWLEDGED:

KAWAMURA ELECTRIC WIRE INDUSTRIES, LTD.

By:   
Toru Hayashi

President

Title

February 22, 1999

Date