Based on FORM PTO-1595 RΙ U.S. DEPT. OF COMMERCE (Rev. 6-93) F2-46-P Patent & Trademark Office To: Hon. Commissioner of Patents and Trauemarks. Please record the attached original document or copy: 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): 3.12.02 Tadaaki OlKAWA, Hirovuki UWAZUMI, Takahiro Name: FUJI ELECTRIC CO., LTD. SHIMIZU and Naoki TAKIZAWA Internal Address: Street Address: 1-1 Tanabeshinden, Kawasaki-ku, Kawasaki 210 0856, Japan Additional names? Yes X No City:_____ State: .*IP. 3. Nature of conveyance: Additional names & addresses attached? _Yes X No X Assignment Merger __ Security Agreement ___ Change of Name _ Other Execution Date: January 29 and January 28, 2002 4. Application number(s) or patent number(s): Attorney Docket No.:M1974,103 If this document is being filed together with a new application, execution date of application is A. Patent Serial No.(s): 10/032,713 B. Patent No.(s): Filing Date: October 22, 2001 Issue Date: Additional numbers attached? __Yes _X No 6. Total number of applications and patents involved: 3 5. Name and address of party to whom correspondence should be mailed: 7. Total fee (37 CFR 3.41): \$ 40.00 Name: Thomas R. Morrison, Esq. X Enclosed Internal Address: Morrison Law Firm Authorized to be charged to Deposit Account Street Address: 145 North Fifth Avenue (Attach duplicate copy of page if paying by deposit City: Mount Vernon State: N.Y. ZIP: 10550 account) 8. X Charge any additional fees in connection with this submission to our Deposit Account No. 13-4550. DO NOT USE THIS SPACE 3/22/2002 GTON11 00000048 10032713 1 FC:581 40.00 OP 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. Andrew F. Young Name of Person Signing Signature Reg. No. 44,001

> PATENT REEL: 012690 FRAME: 0753

Total number of pages including cover sheet, attachments, and document: 3

Attorney Docket No.: M1971-103

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

Tadaaki OIKAWA, Hiroyuki UWAZUMI, Takahiro SHIMIZU and Naoki TAKIZAWA

hereby sells, assigns, and transfers to FUJI ELECTRIC CO., LTD

a corporation of Japan,

having a place of business at 1-1 Tanabeshinden, Kawasaki-ku, Kawasaki 210-0856, Japan

its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, including the right to claim priority, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which:		
has been executed by the undersigned concurrently herewith,		
X was filed on October 22, 2001 as Application Serial No. 10/032,713,		
Attorney Docket No. M1971-103, and is entitled:		

RECORDING MEDIUM AND METHOD FOR MANUFACTURING THE SAME

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements, together with the right to sue for past damages, if any;

Agree(s) that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements, execute all rightful oaths, assignments, powers of attorney and other papers, communicate to said

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PATENT REEL: 012690 FRAME: 0754 Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant(s) with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned. I/We hereby authorize my/our attorneys, authorized to prosecute said application to insert the filing date and serial number of the said application as soon as it is known.

The undersigned declare(s) further that all statements made herein of his/their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this assignment, patent or patent application and any patent issuing thereon.

$\mathcal{Z}.\mathcal{C}$	
T.C. Tadaaki Olkawa Jadaaki Olkawa Tadaaki Olkawa (Signature)	Transpy , 29. 2002
Tadaaki OIKAWA (Signature)	Date
Hiroyuki Unkiyumi Hiroyuki UWAZUMI (Signature)	January 28, 2002 Date
Hiroyuki UWAZUMI (Signature)	Date
Takahin Shimi Zn	Jan 28.2002
Takahiro SHIMIZU (Signature)	Date
Nacht Tahizawa	Tonnery , 28 , 2002
Naoki TAKIZAWA (Signature)	Date

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RECORDED: 03/12/2002

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