



Substitute Form PTO -1595	101871820 PATENTS ONLY	Attorney Docket No. JP919990246US1
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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): Toshio Kanai Mikiko Roji	Execution date: August 29, 2001 September 7, 2001
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9-28-01

2. Name and address of receiving party(ies): INTERNATIONAL BUSINESS MACHINES CORPORATION New Orchard Road Armonk, New York 10504	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"/> Other
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4. Application number(s) or patent number(s): <input type="checkbox"/> New Patent Application, execution date of application <input checked="" type="checkbox"/> Patent Application Number: <u>09/921,837</u> <input type="checkbox"/> Patent Number: _____	Execution/Filing/Issue Date Execution Date <u>August 3, 2001</u> Filing Date _____ Issue Date _____
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5. Name and address of party to whom correspondence concerning document should be mailed: Andrew J. Dillon, Esq. BRACEWELL & PATTERSON, L.L.P. 7600B Capital of Texas Highway, Suite 350 Austin, Texas 78731-1168 (512) 542-2100	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41). \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Authorized to charge any deficiency to deposit account 8. Deposit account number: <u>09-0466</u> (Attach duplicate copy of this page if paying by deposit account)
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9. Statement and signature		
<i>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.</i>		
<u>DEBBIE MOORE</u> Name of Person Signing	<u>Debbie Moore</u> Signature	<u>9-24-01</u> Date
Total number of pages including cover sheet, attachments, and documents: <u>3</u>		

10/11/2001 6TDM11 00000098 090466 09921837
01 FC:581 40.00 CH

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 12229 FRAME: 0267

ASSIGNMENT

Whereas, We,

- (1) TOSHIO KANAI of Moriyama-shi
of Shiga-ken and of Japan
- (2) MIKIKO ROJI of Yasu-cho, Yasu-gun
of Shiga-ken and of Japan

have invented certain improvements in

DATA RECOVERY APPARATUS AND METHOD

and executed, respectively, a United States patent application therefor on (Date Inventor Signed Declaration) (1) 08/29, 2001; and (2) 09/07, 2001.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

(1) Signed at Yasu on 08/29, 2001.

Toshio Kanai
TOSHIO KANAI

(2) Signed at Yasu on 09/07, 2001.

Mikiko Roji
MIKIKO ROJI