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TO THE ASSISTANT COMMISSIONER
SIR: PLEASE RECORD THE ATTACHE.

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ERE OF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

- 1. Shinichi KIKUCHI
- 3. Tomoaki KURANO
- 5.
- 7.

08/21/02

- 2. Kazuhiko TAIRO
- 4. Hideki MIMURA
- 6.
- 8.

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

1036 U.S. PTO
10/224323
08/21/02

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: KABUSHIKI KAISHA TOSHIBA

ADDRESS: 72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, JAPAN

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

- ASSIGNMENT OF WHOLE PART INTEREST
- ORIGINAL FACSIMILE/PHOTOCOPY
- CHANGE OF NAME VERIFIED TRANSLATION
- SECURITY MERGER OTHER:

EXEC. DATE: April 2, 1996

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) April 2, 1996

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

A. PAT. APP. NO.(S) series code/serial no	M#	1* INVENTOR if not in item 1	B. PATENT NO(S)	M#	1* INVENTOR if not in item: 1
New Application	292402				

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

Pillsbury Winthrop LLP
Intellectual Property Group
 P.O. Box 10500 McLean, VA 22102

6. NUMBER INVOLVED:
 APPLNS 1 + PATS 0 = TOTAL = 1

7. AMOUNT OF FEE DUE: (Code 581)
 ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

P 292402	T3KF95S0610-1D1C3D1
MATTER NO.	CLIENT REF.

8. PLEASE CHARGE TO OUR DEPOSIT ACCOUNT
 NUMBER: 03-3975

UNDER ORDER NO	8312	292402
dup. sheet not required	CLIENT NO.	MATTER NO.

9. 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.

Eric R. Hernandez
 Signature

Attorney: Eric R. Hernandez
 Reg. No. 47641
 Atty/Sec: EH/jig

TEL: (703) 905-2088

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)

2

Date: August 21, 2002
 FAX: (703) 905-2500

FILE WITH PTO RETURN RECEIPT (PAT-103A)

08/28/2002 LMUELLER 00000293 033975 10224323
 01 FC:581 40.00 CH

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

RECORDING MEDIUM, RECORDING APPARATUS AND RECORDING METHOD FOR RECORDING DATA INTO RECORDING MEDIUM, AND REPRODUCING APPARATUS AND REPRODUCING METHOD FOR REPRODUCING DATA FROM RECORDING MEDIUM
 sell and assign to

KABUSHIKI KAISHA TOSHIBA, a Japanese corporation, having a place of business at
 72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, Japan

its successors, and assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one) executed concurrently herewith;
 executed on _____ ;
 Application No. _____, filed _____ ;

and in and to all applications for patent and patents for invention, in all countries of the world, including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant the following law firm 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 U.S. Patent and Trademark Office for recordation of this document.

Cushman, Darby & Cushman, Ninth Floor, 1100 New York Avenue, N.W., Washington, D.C. 20005-3918

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