

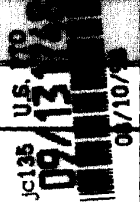
BOX ASSIGNMENTS

08-25-1998

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TO THE HONORABLE COMMISSION. **100801975**  
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):
- |                        |                     |
|------------------------|---------------------|
| 1. Toshihiko KANESHIGE | 2. Shigeru TODOKORO |
| 3. Tadashi KOJIMA      | 4.                  |
| 5.                     | 6.                  |
| 7.                     | 8.                  |

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

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

EXEC. DATE: 17 JANUARY 1997

- CHANGE OF NAME  VERIFIES TRANSLATION  
 SECURITY  MERGER  OTHER: REQ. FOR CORR. NOTICE

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (**NOTE:** IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) 17 January 1997

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 <sup>st</sup> INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 <sup>st</sup> INVENTOR if not in item 1
	249188				

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

**Cushman Darby & Cushman  
Intellectual Property Group of  
Pillsbury Madison & Sutro LLP**  
1100 NEW YORK AVENUE, N.W.  
NINTH FLOOR, EAST TOWER  
WASHINGTON, D.C. 20005-3918

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

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

5.5 ATTY DKT:

249188	D4YK-96S0944-1D4	8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975	UNDER ORDER NO	8312	249188
MATTER NO.	CLIENT REF.	dup. sheet not required	CLIENT NO.	MATTER NO.	

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.

Signature

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet) **3**

Attorney: Dale S. Lazar  
Reg. No. 28872 Date: August 7, 1998  
Atty/Sec: DSL/TMI TEL: (202) 861-3527 FAX: (202) 822-0944

FILE WITH PTO RETURN RECEIPT (CDC-103A)

08/14/1998 MULLARI 00000660 09131748

02 FC:581

40.00 DP

CDC-114X 11/1996

## ASSIGNMENT

In consideration of value received, I, having a post office address at c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1 Shibaura 1-chome, Minato-ku, Tokyo 105, Japan and a residence as stated below next to 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:

**INFORMATION STORAGE MEDIUM, RECORDING METHOD USED THEREFOR, AND REPRODUCING APPARATUS**

said application having been filed on January 7, 1997  
and assigned Serial No. \_\_\_\_\_;  
sell and assign to  
KABUSHIKI KAISHA TOSHIBA  
a corporation of Japan, having a business address at  
72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, Japan

its successors, 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 application for United States patent: (check one)

executed concurrently herewith;

executed separately herefrom;

and in and to all applications for patent and patents for said invention in all countries of the world, including all divisions, reissues, continuations, substitutions 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 proceeding, 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.

The Cushman Darby & Cushman Intellectual Property Group of Pillsbury Madison & Sutro, LLP, Ninth Floor, East Tower, 1100 New York Avenue, N.W., Washington, D.C. 20005-3918

ASSIGNMENT

96S0944-1

Inventor: (Signature)

Date

Residence

*Toshihiko Kaneshige*  
Toshihiko Kaneshige

JAN 17. 1997

43-8. Sagiyama, Naka-ku,  
Yokohama-shi, Kanagawa-ken 231,  
Japan

*Shigeru Todokoro*  
Shigeru Todokoro

JAN 17. 1997

891-33, Kameino, Fujisawa-shi,  
Kanagawa-ken 252,  
Japan

*Tadashi Kojima*

*Shigeru Todokoro* <sup>Jan 17, 1997 S.T.</sup>  
Tadashi Kojima

JAN 17. 1997

4-77-19, Tomiokanishi, Kanazawa-ku,  
Yokohama-shi, Kanagawa-ken 236,  
Japan

RECORDING OFFICER:

After recording please return to:  
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PATENT

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