

11-09-1998

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PATENTS ONLY

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS:

SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

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

1. YAMAMURO, Mikio

3.

5. **MRD 10-3-98**

7.

2.

4.

6.

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: March 10, 1997

☐ CHANGE OF NAME☐ VERIFIES TRANSLATION☐ SECURITY☐ MERGER☒ OTHER: REQ FOR COR.

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

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
08/822,712	237362				

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: = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)

ABOVE TOTAL x \$40 = \$40.

40E
NO SPEC FEE

5.5 ATTY DKT:

237362

T4IA-96S1002-1

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE
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UNDER ORDER NO

8312

237362

MATTER NO.

CLIENT REF.

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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]
 Signature

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Attorney: Dale S. Lazar

Reg. No. 28872

Atty/Sec: DSL/ybi

TEL: (202) 861-3527

Date: July 15, 1997

FAX: (202) 822-0944

FILE WITH PTO RETURN RECEIPT (CDC-103A)

REEL: 9385 FRAME: 0638 CDC-114X 11/1996

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71549 U.S. PTO

08/822712

1. NAME OF CONVEYING PARTY

1. YAMAMURO, Mikio

100404187

2.
4.
6.
8.

03/24/97

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, Kazasaki-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: March 10, 1997

☐ CHANGE OF NAME ☐ VERIFIES TRANSLATION
☐ SECURITY ☐ MERGER ☐ OTHER:

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) MARCH 10, 1997

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

A. PAT. APP. NO.(S)	M#	1* INVENTOR if not in item 1	B. PATENT NO.(S)	M#	1* INVENTOR if not in item 1
08822712					

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: = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)

ABOVE TOTAL x \$40 = \$40.

5.5 ATTY DKT:

237362	T4IA-96S1002-1	8312	237362
MATTER NO.	CLIENT REF.	dup. sheet not required	CLIENT 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

Attorney: Dale S. Lazar

Reg. No. 28872

Atty/Sec: DSL/sdm

TEL: (202) 861-3527

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A S S I G N M E N T

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:

OPTICAL DISK DEVICE AND REPLACEMENT PROCESSING METHOD

said application having been filed on
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)

X executed concurrently herewith: on March 10, 1997

 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

96S1002-1

Inventor: (Signature)

Date

Residence

Mikio Yamamoto
Mikio Yamamoto

March 10, 1997

Yokohama-shi, Japan

RECORDING OFFICER:

After recording please return to:
CUSHMAN DARBY & CUSHMAN
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WASHINGTON, D.C. 20005-3918

PATENT

RECORDED: 10/02/1998

REEL: 9385 FRAME: 0641