

03-14-2003

FEET
\$ ONLYTO THE ASSISTANT COMMISSIONER
SIR: PLEASE RECORD THE ATTACHMENT

102387306

THEREOF.

1. NAME OF CONVEYING PARTY(IES) (Name(s) of the party(ies) conveying the interest(s)).

1. Katsutaro Ichihara
3. Hideyuki Nishizawa
- 5.
- 7.

2. Akiko Hirao
4. Toshihiko Nagase
- 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
☐ ORIGINAL ☐ FACSIMILE/PHOTOCOPY
☐ CHANGE OF NAME ☐ VERIFIED TRANSLATION
☐ SECURITY ☐ MERGER ☐ OTHER:

EXEC. DATE: May 13, 1998

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) May 13, 1998

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 st INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 st INVENTOR if not in item 1

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

Pillsbury Winthrop LLP
Intellectual Property Group
1100 New York Avenue, NW
Ninth Floor
Washington, DC 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:

PMS 0268222

T7KO-97S0948-D

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE
INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975

UNDER ORDER NO

008312

0268222

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.

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

3

Signature

Attorney: Dale S. Lazar

Reg. No. 28872

Atty/Sec: DSL/MBF

TEL: (202) 861-3527

Date: January 22, 2001

FAX: (202) 822-0944

FILE WITH PTO RETURN RECEIPT (PAT-103A)

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 105-8001, 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 AND OPTICAL DISK DRIVE

said application having been filed on March 17, 1998
and assigned Serial No. 09/042,542 :
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

A S S I G N M E N T

97S0948

Inventor: (Signature)

Date

Residence

Katsutaro Ichihara
Katsutaro Ichihara

MAY 13.1998

Yokohama-shi, Japan

Akiko Hirao
Akiko Hirao

MAY 13.1998

Chiba-shi, Japan

Hideyuki Nishizawa
Hideyuki Nishizawa

MAY 13.1998

Tokyo, Japan

Toshihiko Nagase
Toshihiko Nagase

MAY 13.1998

Tokyo, Japan

RECORDING OFFICER:

After recording please return to:
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

RECORDED: 02/26/2003

PATENT
REEL: 013479 FRAME: 0993