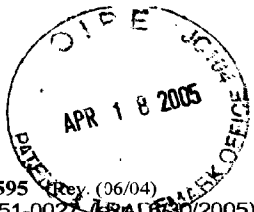


4-19-05



04-22-2005

Form PTO-1595 (Rev. 06/04)  
OMB No. 0651-0027 (5/10/2005)



U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

REC 102986873  
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**  
TSUKASA NAKAI  
SUMIO ASHIDA  
KEIICHIRO YUSU  
  
Execution Date(s) September 3, 2004  
Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
Name: KABUSHIKI KAISHA TOSHIBA  
Internal Address: \_\_\_\_\_  
Street Address: 1-1, Shibaura 1-chome, Minato-ku  
City: Tokyo  
State: \_\_\_\_\_  
Country: Japan Zip: 105-8001  
Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance:**  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.  
A. Patent Application No.(s)  
10/878,657  
B. Patent No.(s)  
  
Additional numbers attached?  Yes  No

**6. Total number of applications and patents involved:** 1

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: PILLSBURY WINTHROP SHAW PITTMAN LLP  
Internal Address: P.O. Box 10500  
Street Address: 1600 Tysons Boulevard  
City: McLean  
State: VA Zip: 22102  
Phone Number: (703) 905-2000  
Fax Number: (703) 905-2500  
Email Address: jeffrey.karceski@pillsburylaw.com

**7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00**  
 Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**  
Credit Card 008312-0310358  
Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_  
Deposit Account Number 033975  
Authorized User Name \_\_\_\_\_

**9. Signature:** [Signature] April 18, 2005  
Date  
Jeffrey D. Karceski, Reg. No. 35914  
Name of Person Signing  
Total number of pages including cover sheet, attachments, and documents: 5

04/21/2005 DBYRNE  
01 FC:8021

00000262 033975 10878657  
40.00 DA

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**ATTACHMENT FOR RECORDATION FORM COVER SHEET  
PATENTS ONLY (Form PTO-1595)**

**1. Name of conveying party(ies):**

TAKAYUKI TSUKAMOTO  
NAOMASA NAKAMURA  
\_\_\_\_\_

NORITAKE OOMACHI  
URARA ICHIHARA, WIFE AND HEIR OF  
KATSUTARO ICHIHARA, DECEASED  
\_\_\_\_\_

Additional name(s) of conveying party(ies) attached?

Yes  No

**2. Name and address of receiving party(ies)**

Name: \_\_\_\_\_  
Internal Address: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

**Name and address of receiving party(ies)**

Name: \_\_\_\_\_  
Internal Address: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) & address(es) attached?

Yes  No

**4. Application number(s) or patent number(s):**

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

**A. Patent Application No.(s)**

**B. Patent No.(s)**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Additional numbers attached?

Yes  No

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:

**PHASE-CHANGE OPTICAL RECORDING MEDIUM**

sell and assign to  
KABUSHIKI KAISHA TOSHIBA  
a Japanese corporation, having a business address at  
1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", 1/1, respectively, of 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. 10/878,657, filed June 29, 2004 ;

and in and to all applications for patent and patents for invention 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, continued prosecution, 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.

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.

Pillsbury Winthrop, LLP, 1600 Tysons Boulevard, McLean, Virginia 22102

ASSIGNMENT

(04S0264)

[1st Inventor]

Residence Address: Hino-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,  
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

*Tsukasa Nakai*

Tsukasa Nakai

SEP. - 3. 2004

Date:

[2nd Inventor]

Residence Address: Yokohama-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,  
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

*Sumio Ashida*

Sumio Ashida

SEP. - 3. 2004

Date:

[3rd Inventor]

Residence Address: Yokohama-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,  
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

*Keiichiro Yusu*

Keiichiro Yusu

SEP. - 3. 2004

Date:

[4th Inventor]

Residence Address: Kawasaki-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,  
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

*Takayuki Tsukamoto*

Takayuki Tsukamoto

SEP. - 3. 2004

Date:

[5th Inventor]

Residence Address: Yokohama-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,  
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

*Noritake Oomachi*

Noritake Oomachi

SEP. - 3. 2004

Date:

ASSIGNMENT

(04S0264)

[6th Inventor]

Residence Address: Yokohama-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,  
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

*Naomasa Nakamura*

Naomasa Nakamura

SEP. - 3. 2004

Date:

[7th Inventor]

Residence Address: Yokohama-shi, Japan

Mailing Address: 2-49-20-509, Tsurugaminehoncho, Asahi-ku, Yokohama-shi  
Kanagawa-ken 241-0021, Japan

Citizenship: Japan

*Urara Ichihara*

Urara Ichihara, wife and heir of  
Katsutaro Ichihara, Deceased

SEP. - 3. 2004

Date:

RECORDING OFFICER:

After recording, please return to:

Pillsbury Winthrop, LLP

RECORDED: 04/18/2005

PATENT  
REEL: 016473 FRAME: 0166