

06-10-2005

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

REC

103018911

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):

KIYOMI MURO
NORIHIRO ISHIIExecution Date(s) April 20, 2005Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: KABUSHIKI KAISHA TOSHIBA

Internal Address: _____

Street Address: 1-1, Shibaura 1-chome, Minato-kuCity: Tokyo

State: _____

Country: JAPAN Zip: 105-8001Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☒

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: PILLSBURY WINTHROP SHAW PITTMAN LLPInternal Address: P.O. Box 10500Street Address: 1600 Tysons BoulevardCity: McLeanState: VA Zip: 22102Phone Number: (703) 905-2000Fax Number: (703) 905-2500Email Address: glenn.barrett@pillsburylaw.com6. Total number of applications and patents involved: 17. 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

070120-0316325

- a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account Number 033975
Authorized User Name _____

9. Signature:

Signature

June 6, 2005

Date

Glenn T. Barrett, Reg. No. 38705

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 2Documents 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

06/09/2005 ECDOPER 00000055 033975 11145064

01 FC:8021

40.00 DA

PATENT
REEL: 016664 FRAME: 0669

1200 Q-2 9999 1-2 105A
Please return signed/recorded to:

DMG0288-7-USA-A (FTN0457-USA)

For Inventions made outside USA
executed with or after application

Atty. Dkt. P

M#

Client Ref.

Pillsbury Winthrop LLP
Intellectual Property Group
1100 New York Avenue, NW
Ninth Floor
Washington, DC 20005-3918

USA Patent Appln.
Sole or Joint

NONPROVISIONAL

ASSIGNMENT
OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT NAME(S) OF INVENTOR(S)	(1) Kiyomi MURO	(2) Norihiro ISHII
	(3)	(4)
	(5)	<input checked="" type="checkbox"/> x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT NAME(S) OF ASSIGNEE(S) & ADDRESS(ES)	KABUSHIKI KAISHA TOSHIBA
	1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 Japan

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF
INVENTION

WIRING BOARD AND MAGNETIC DISK APPARATUS

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → →

(Complete

line A, B and/or C)

(A) ☒ even date herewith

(B) ☐ on

(C) ☐ in U.S. Appln. No.

filed

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE → → The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTORS

1)	Kiyomi Muro
Name:	Kiyomi MURO
2)	Norihiro Ishii
Name:	Norihiro ISHII
3)	
Name:	
4) Name:	
Name:	
5) Name:	
Name:	

DATE SIGNED

April, 20, 2005
April, 20, 2005

WITNESSES

Hideaki SUYAMA
Hideaki SUYAMA