

5-27-05

06-02-2005

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

RECORDED

103012771
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):

TERUYUKI MORIMOTO
KAZUHIRO YAMADA
HIDEO KANAIExecution Date(s) May 13, 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 TOSHIBAInternal Address: 1-1, Shibaura 1-Chome

Street Address: _____

City: Minato-kuState: TokyoCountry: 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

041283-0316234

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number 033975

Authorized User Name _____

9. Signature:

Signature

May 27, 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

06/01/2005 6TON11 00000111 033975 11138324

01 FC:0021

40.00 DA

PATENT
REEL: 016603 FRAME: 0090

Please return signed/recorded to:

Pillsbury Winthrop LLP
Intellectual Property Group
1600 Tysons Boulevard

McLean, VA 22102

USA Patent Appln.
Sole or Joint

For Inventions made outside USA
executed with or after application

Atty. Dkt. P

M#

Client Ref.

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) Teruyuki MORIMOTO

(3) Hideo KANAI

(5)

(2) Kazuhiro YAMADA

(4)

☐ 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

of 1-1, Shibaura 1-Chome, Minato-Ku, Tokyo, 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

PROJECTION-TYPE IMAGE DISPLAY 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): Teruyuki Morimoto
Name: Teruyuki MORIMOTO
2) Kazuhiro Yamada
Name: Kazuhiro YAMADA
3) Hideo Kanai
Name: Hideo KANAI
4) Name: _____
Name: _____
5) Name: _____
Name: _____

DATE SIGNED

May 13, 2005
May 13, 2005
May 13, 2005

WITNESSES

Takafumi Ninomiya
Takafumi Ninomiya
Norihiro Yamamoto
Norihiro Yamamoto
Norihiro Yamamoto
Norihiro Yamamoto