

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the to add a second Assignee previously recorded on Reel 020790 Frame 0017. Assignor(s) hereby confirms the Assignment of Assignor's Interest.

CONVEYING PARTY DATA

Name	Execution Date
Yuko KIZU	03/03/2008
Yukio KIZAKI	03/03/2008
Rei HASEGAWA	03/03/2008
Hirofumi WAKEMOTO	02/18/2008
Kenji NAKAO	02/15/2008
Tetsuy KOJIMA	02/18/2008
Tetsuo FUKAMI	02/18/2008

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA TOSHIBA
Street Address:	1-1, Shibaura 1-chome
City:	Minato-ku, Tokyo
State/Country:	JAPAN
Postal Code:	105-8001

Name:	TOSHIBA MATSUSHITA DISPLAY TECHNOLOGY CO., LTD.
Street Address:	1-8, Konan 4-chome
City:	Minato-ku, Tokyo
State/Country:	JAPAN
Postal Code:	108-0075

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12027528

CORRESPONDENCE DATA

Fax Number: (203)327-6401

501293006

**PATENT
 REEL: 024999 FRAME: 0144**

CH \$40.00 12027528

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 203-327-4500
Email: docketing@ogrp.com
Correspondent Name: Ohlandt Greeley Ruggiero & Perle, LLP
Address Line 1: One Landmark Square, 10th Floor
Address Line 4: Stamford, CONNECTICUT 06901

ATTORNEY DOCKET NUMBER:

430.0059USU

NAME OF SUBMITTER:

Charles N.J. Ruggiero

Total Attachments: 7

source=4300059USU_ASSIGNMENT#page1.tif

source=4300059USU_ASSIGNMENT#page2.tif

source=4300059USU_ASSIGNMENT#page3.tif

source=4300059USU_ASSIGNMENT#page4.tif

source=4300059USU_ASSIGNMENT#page5.tif

source=4300059USU_ASSIGNMENT#page6.tif

source=4300059USU_ASSIGNMENT#page7.tif

RECORDATION FORM COVER SHEET
PATENTS ONLY

Mail Stop Assignment Recordation Services
DIRECTOR OF THE US PATENT AND TRADEMARK OFFICE
P.O. Box 1450
Alexandria, VA 22313-1450

Please record the attached original documents or copies thereof.

1. Name of conveying party(ies): **Yuko KIZU; Yukio KIZAKI; Rei HASEGAWA; Hirofumi WAKEMOTO; Kenji NAKAO; Tetsuya KOJIMA and Tetsuo FUKAMI;**

2. Name and address of receiving party(ies): **KABUSHIKI KAISHA TOSHIBA
1-1, Shibaura 1-chome
Minato-ku, Tokyo 105-8001, JAPAN
- and -
TOSHIBA MATSUSHITA DISPLAY
TECHNOLOGY CO., LTD.
1-8, Konan 4-chome
Minato-ku, Tokyo 108-0075, JAPAN**

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
XXXX Other: **TO CORRECT ASSIGNMENT RECORDED ON APRIL 7,
2008 ON REEL 020790, FRAME 0017 TO ADD SECOND ASSIGNEE.**
Execution Date: **March 3, March 3, March 3, February 18 and February 15,
February 18, and February 18, 2008, respectively.**

4. Application number(s) or application date(s):
If this document is being filed together with a new application, the execution date of the application is:
A. Application/Patent No. **12/027,528** B. Application/Issue Date **February 7, 2008**

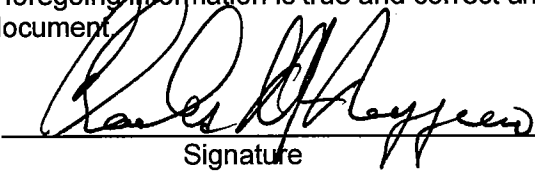
5. Name and address of party to whom correspondence concerning this document should be mailed:
**Charles N.J. Ruggiero, Esq.
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.
One Landmark Square, 10th Floor
Stamford, Connecticut 06901-2682 U.S.A.**

6. Total No. of applications and patents involved: 1.

7. Total Fee (37 C.F.R. 3.41(h)) \$40.00/assignment.
XXXXX CUSTOMER NO.: 27623
XXXXX Authorized to be charged to deposit account.

The Commissioner is hereby authorized to charge the \$40 assignment recordal fee and any additional fees under 37 C.F.R. 3.41 that may be required with this communication or credit any overpayment, to Deposit Account No. **01-0467**.

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.

Charles N.J. Ruggiero  9/16/10
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments and document: 8.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APRIL 11, 2008

PTAS

OHLANDT, GREELEY, RUGGIERO & PERLE, LLP
ONE LANDMARK SQUARE, 10TH FLOOR
STAMFORD, CT 06901



103496200A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 04/07/2008

REEL/FRAME: 020790/0017
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KIZU, YUKO

DOC DATE: 03/03/2008

ASSIGNOR:

KIZAKI, YUKIO

DOC DATE: 03/03/2008

ASSIGNOR:

HASEGAWA, REI

DOC DATE: 03/03/2008

ASSIGNOR:

WAKEMOTO, HIROFUMI

DOC DATE: 02/18/2008

ASSIGNOR:

NAKAO, KENJI

DOC DATE: 02/15/2008

ASSIGNOR:

KOJIMA, TETSUYA

DOC DATE: 02/18/2008

RECEIVED

APR 17 2008

ASSIGNOR:

FUKAMI, TETSUO

DOC DATE: 02/18/2008

ASSIGNEE:

KABUSHIKI KAISHA TOSHIBA
1-1, SHIBAURA 1-CHOME
MINATO-KU, TOKYO 105-8001, JAPAN

SERIAL NUMBER: 12027528

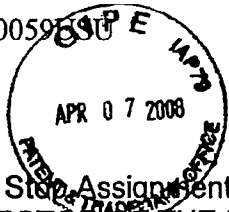
FILING DATE: 02/07/2008

PATENT NUMBER:

ISSUE DATE:

TITLE: LIQUID CRYSTAL DISPLAY

JEEVON JONES, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION



RECO

04-11-2008



103496200

Mail Stop Assignment Recordation Services
DIRECTOR OF THE US PATENT AND TRADEMARK OFFICE
P.O. Box 1450
Alexandria, VA 22313-1450

80.6.5

D
8

Please record the attached original documents or copies thereof.

1. Name of conveying party(ies): **Yuko KIZU; Yukio KIZAKI; Rei HASEGAWA; Hirofumi WAKEMOTO; Kenji NAKAO; Tetsuya KOJIMA and Tetsuo FUKAMI;**

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

**KABUSHIKI KAISHA TOSHIBA
1-1, Shibaura 1-chome
Minato-ku, Tokyo 105-8001, JAPAN**

04/08/2008 WABDLR1 00000023 12027528
02 FC:8021 40.00 DP

3. Nature of conveyance:

XXXX Assignment _____ Merger
_____ Security Agreement _____ Change of Name
_____ Other: _____

Execution Date: **March 3, March 3, March 3, February 18 and February 15, February 18, and February 18, 2008, respectively**

4. Application number(s) or application date(s):

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

A. Application/Patent No. **12/027,528** B. Application/Issue Date **February 7, 2008**

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

**Charles N.J. Ruggiero, Esq.
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.
One Landmark Square, 10th Floor
Stamford, Connecticut 06901-2682 U.S.A.**

6. Total No. of applications and patents involved: 1.

7. Total Fee (37 C.F.R. 3.41(h)) \$40.00/assignment.

XXXXX **CUSTOMER NO.: 27623**
XXXXX Authorized to be charged to deposit account.

The Commissioner is hereby authorized to charge the \$40 assignment recordal fee and any additional fees under 37 C.F.R. 3.41 that may be required with this communication or credit any overpayment, to Deposit Account No. **01-0467**.

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.

Charles N.J. Ruggiero
Name of Person Signing

4/4/08
Signature Date

Total number of pages including cover sheet, attachments and document: 4.

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:

LIQUID CRYSTAL DISPLAY

have sold and assigned and do hereby sell and assign to

1. KABUSHIKI KAISHA TOSHIBA, a Japanese corporation, having a business address at 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan; and
2. Toshiba Matsushita Display Technology Co., Ltd., a Japanese corporation, having a business address at 1-8, Konan 4-chome, Minato-ku, Tokyo 108-0075, 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 United States patent application:

(check one) executed concurrently herewith
 executed on _____ ;
 Application No. 12/027,528 , filed February 7, 2008 ;

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.

Ohlandt, Greeley, Ruggiero & Perle, L.L.P., One Landmark Square, 10th Floor, Stamford, Connecticut 06901-2682

ASSIGNMENT

13G044345-USA-A
(07S1220)

[1st 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

Yuko Kizu

Yuko Kizu

March 3, 2008

Date:

[2nd 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

Yukio Kizaki

Yukio Kizaki

March 3, 2008

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

Rei Hasegawa

Rei Hasegawa

March 3, 2008

Date:

[4th Inventor]

Residence Address: Kanazawa-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Matsushita Display Technology Co., Ltd.,
1-8, Konan 4-chome, Minato-ku, Tokyo 108-0075, Japan

Citizenship: Japan

Hirofumi Wakemoto

Hirofumi Wakemoto

February 18, 2008

Date:

[5th Inventor]

Residence Address: Kanazawa-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Matsushita Display Technology Co., Ltd.,
1-8, Konan 4-chome, Minato-ku, Tokyo 108-0075, Japan

Citizenship: Japan

Kenji Nakao

Kenji Nakao

February 15 2008

Date:

ASSIGNMENT

13G044345-USA-A
(07S1220)

[6th Inventor]

Residence Address: Ishikawa-gun, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Matsushita Display Technology Co., Ltd.,
1-8, Konan 4-chome, Minato-ku, Tokyo 108-0075, Japan

Citizenship: Japan

Tetsuya Kojima

Tetsuya Kojima

February 18, 2008

Date:

[7th Inventor]

Residence Address: Ishikawa-gun, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Matsushita Display Technology Co., Ltd.,
1-8, Konan 4-chome, Minato-ku, Tokyo 108-0075, Japan

Citizenship: Japan

Tetsuo Fukami

Tetsuo Fukami

February 18, 2008

Date: