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FORM PTO-1595 (Rev. 07/0  
OMB No. 0651-0027  
(exp 6/30/2008)

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COVER SHEET

MAR 12 2007

U.S. Department of Commerce  
Patent and Trademark Office  
Atty. Docket No. 05595.0027-00000  
Atty. Customer Number: 22,852

To the Director of the U.S.

103382577

Send the attached original documents or copy thereof.

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

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

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

Name: Toshiba Matsushita Display Technology Co., Ltd.

Internal Address:

Street Address: 1-8, Konan 4-chome, Minato-ku,  
Tokyo 108-0075, Japan

City:

State:

Zip Code:

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

☐ Yes

☒ No

3. **Nature of conveyance/Execution Date(s):**

Execution Date(s) February 14, 2007

☒ Assignment ☐ Merger

☐ Security Agreement ☐ Change of Name

☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other

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

☐ This document is being filed together with a new application.

A. **Patent Application Number(s):**

11/655,993

B. **Patent Number(s):**

Additional numbers attached?

☐ Yes

☒ No

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

Name: Mr. Ernest F. Chapman

6. **Total number of applications and registrations involved:** One (1)

7. **Total fee (37 CFR 3.41): \$40**

- ☐ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☒ Enclosed (Please charge deficiency to deposit account)  
☐ None required (government interest not affecting title)

8. **Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account No.: 06-0916

Authorized User Name \_\_\_\_\_

8. **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.

Richard V. Burgujian, Reg. No. 31,744

Typed Name of Signor

Signature

March 12, 2007

Date

Total number of pages including cover sheet, attachments and documents: Two (2)

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, PO box 1450, Alexandria, VA 22313-1450

FPD/acd

PATENT  
REEL: 019023 FRAME: 0151

**ASSIGNMENT**

05595.0027-00000

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

**Flat-panel Display Devices and Manufacturing Method therefor**

for which I/WE executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on January 22, 2007 (Application No. \_\_\_\_\_); and

WHEREAS, **Toshiba Matsushita Display Technology Co., Ltd.**  
a corporation of **Japan**

whose post office address is **1-8, Konan 4-chome, Minato-ku, Tokyo 108-0075, Japan**

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. \_\_\_\_\_, filed Jan. 22, 2007) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

1. FULL NAME OF SOLE OR FIRST ASSIGNOR <b>Shinichi KAWANO</b>	ASSIGNOR'S SIGNATURE <i>Shinichi Kawano</i>	DATE <i>February 14, 2007</i>
ADDRESS <b>c/o Intellectual Property Division, Toshiba Matsushita Display Technology Co., Ltd., 1-8, Konan 4-chome, Minato-ku, Tokyo 108-0075, Japan</b>		CITIZENSHIP <b>Japan</b>