

04/23/04

FORM PTO-1595  
1-31-92

04-28-2004

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Docket No.: 6191.0145.US

102732406

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Jun-Young LEE  
Byung-Nam AN  
Jun-Hyung KIM

Additional names of conveying party(ies) attached?

☐ yes ☒ no

3. Nature of Conveyance

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: April 23, 2004

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

Name: Samsung SDI Co., Ltd.

Internal Address:

Street Address: 575, Shin-dong, Yeongtong-gu,  
City: Suwon-si, Gyeonggi-do  
State or Country: Republic of KOREA

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

☐ yes ☒ no

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

Title: **ENERGY RECOVERY CIRCUIT OF PLASMA DISPLAY PANEL AND DRIVING  
APPARATUS OF PLASMA DISPLAY PANEL INCLUDING ENERGY RECOVERY CIRCUIT**

If this document is being filed together with a new application, the execution date of the application is April 23, 2004

A. Patent Application No(s).

10/829993

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence  
concerning document should be mailed:Hae-Chan Park  
McGuireWoods LLP  
1750 Tysons Boulevard, Suite 1800  
McLean, Virginia 22102

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

☒ Enclosed☒ Authorized to be charged to deposit account☐ Total fee due☒ Any deficiencies in the enclosed fees

8. Deposit account number: 23-1951

9. 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.

Hae-Chan Park, Reg. No. 50,114

Name of Person Signing

Signature

April 23, 2004

Date

04/27/2004 GTM11 00000159 10629993

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PATENT  
REEL: 015257 FRAME: 0756

Docket No.: 6161.0145.US

**ASSIGNMENT**

Whereas, Assignor has invented certain new and useful processes, machines, articles of manufacture, compositions of matter, and/or improvements thereof ("Invention") disclosed in

- ☒ an application for United States Letters Patent entitled **ENERGY RECOVERY CIRCUIT OF PLASMA DISPLAY PANEL AND DRIVING APPARATUS OF PLASMA DISPLAY PANEL INCLUDING ENERGY RECOVERY CIRCUIT** ("Application"),
- ☐ upon which United States Letters Patent, Patent Number \_\_\_\_\_, has issued ("Patent");

Whereas, Assignor desires to convey all rights, title and interests in and to the same to Samsung SDI Co., Ltd. ("Assignee"), with offices located at 575 Shin-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, The Republic of KOREA;

Now, for valuable consideration by Assignee to Assignor, the receipt of which is hereby acknowledged, and for other good and valuable consideration, Assignee and Assignor hereby agree as follows:

Assignor hereby conveys, assigns, sells and transfers to Assignee all rights, title and interests in and to the Invention disclosed in said application and in and to any Letters Patent of the United States, any continuation, division, renewal, or substitute thereof, and hereby grant to Assignee the right to apply in its own name for patents or inventor's certificates and related rights heretofore or hereafter filed for the Invention in any and all countries, including (without limitation) all rights to claim priority based thereon, all patents granted thereon and all reissues, extensions and renewals thereof.

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor further covenants that Assignee will, upon Assignee's request, be provided promptly with all pertinent facts and documents relating to the Invention, Patent, Application and any patents granted thereon, as may be known and accessible to Assignor, and Assignor will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or Assignee's legal representative any and all papers, instruments or affidavits required to apply for, protect, obtain, maintain, issue, defend and enforce the Application, Patent, Invention, whether in the U.S. or any and all foreign countries and any patents granted thereon and/or for obtaining any reissue or reissues of any patent which may be granted for the invention and perform such further acts which may be necessary or desirable to carry out the intent of this agreement as the Assignee thereof shall hereafter require and prepare at assignee's expense..

IN WITNESS WHEREOF, Assignor has hereunto set hand and seal.

Assignor:

Signature: Jun-Young Lee

Print

Name: Jun-Young Lee

Address: 104-1002 Daerim Apt., Sinbu-dong, Cheonan-si, Chungcheongnam-do

REPUBLIC OF KOREA

Date: 23 April 2004

Docket No.: 6161.0145.US

Signature: Byung Nam An

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Name: Byung-Nam An

Address: 106-302 Hongik Apt., Samsung SDI Dormitory, Hosan1-ri, Tangeong-myun,  
Asan-si, Chungcheongnam-do, REPUBLIC OF KOREA

Date: 23 April 2004

Signature: Jun-Hyung Kim

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Name: Jun-Hyung Kim

Address: 202 Topsville, 1076-1 Seongjeong-dong, Cheonan-si, Chungcheongnam-do  
REPUBLIC OF KOREA

Date: 23 April 2004