



Form PTO-1595 (Rev. 07/05)  
OMB No. 0651-0027 (exp. 6/30/07)

03-28-2007

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

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DOCKET NO.: PBC-0035

103388408

To the Director of the U.S. Patent and Trademark Office, \_\_\_\_\_  
\_\_\_\_\_ed documents or the new address(es) below.

Case 3/14/07  
3-14-07

1. Name of conveying party(ies):  
Seong Nam RYU; Woo Gon JEON; Sang Min HONG;  
Woo Tae KIM\*; Kyung A. KANG\*\*;  
Jeong Hyun HAHM and Jae Sung KIM

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

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

Execution Date(s) **November 6, 2006\***; **November 7, 2006;**  
**November 8, 2006\*\***

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Executive Order 9424, Confirmatory License
- Other **Corrective Assignment to correct an error in the Serial Number and Filing Date of Application recorded on December 11, 2006, on Reel 018694Frame 0061**

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

Name: **LG Electronics Inc.**

Internal Address: \_\_\_\_\_

Street Address: **03/15/2008/ HPAQRZ12 00000112 11094334**  
**01 FC:0021** / **40.00 US**

City: **20 Yeoeuido-dong, Youngdeungpo-ku**

State: **Seoul**

Country: **Korea** ZIP: **150-010**

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):  This document is being filed together with a new application

A. Patent Application No(s). **11/594,334**  
Filed: **November 8, 2006**

B. Patent No(s)

Additional numbers attached?  Yes  No

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

Name: **Daniel Y.J. Kim, Esq.**

Internal Address: \_\_\_\_\_

Street Address: **P. O. Box 221200**

City: **Chantilly**

State: **VA** ZIP: **20153-1200**

Phone Number: **(703) 766-3777**

Fax Number: **(703) 766-3644**

E-mail Address: **fkemail@fleshnet-kim.com**

6. Total number of applications and patents involved: **1**

7. Total fee (37 C.F.R. 1.21(h) & 3.41) **\$40.00**

- Authorized to be charged by credit card
- Authorized to be charged to deposit account (if necessary)
- Enclosed (Check No. \_\_\_\_\_)
- None required (government interest not affecting title)

8. Payment Information

- a. Credit Card Last 4 Numbers **1009**  
Expiration Date **January 2009**
- b. Deposit Account Number: **16-0607**  
Authorized User Name **Daniel Y.J. Kim**

9. Signature: \_\_\_\_\_

**March 14, 2007**

Signature

Date

**Daniel Y.J. Kim, Registration No. 36,186**

Name of Person Signing

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

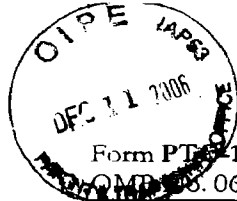
**5**

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:

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PATENT  
REEL: 019091 FRAME: 0779



12-15-2006

Form PT-1595 (Rev. 07/05)  
OMB No. 0651-0027 (exp. 6/30/2008)



DEPARTMENT OF COMMERCE  
1 States Patent and Trademark Office

12/15/06 RE 103349694 LT  
DOCKET NO.: PBC-0035 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):  
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Woo Tae KIM\*; Kyung A. KANG\*\*;  
Jeong Hyun HAHM and Jae Sung KIM  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
Name: LG Electronics Inc.  
Internal Address: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
City: 20 Yeouuido-dong, Youngdeungpo-ku  
State: Seoul  
Country: Korea ZIP: 150-010  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance/Execution Date(s):  
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 Other \_\_\_\_\_

4. Application number(s) or patent number(s):  This document is being filed together with a new application  
A. Patent Application No(s). 11/549,334  
Filed: November 8, 2006  
B. Patent No(s)  
Additional numbers attached?  Yes  No

6. Total number of applications and patents involved: 1

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: FLESHNER & KIM, LLP  
Internal Address: \_\_\_\_\_  
Street Address: P. O. Box 221200  
City: Chantilly  
State: VA ZIP: 20153-1200  
Phone Number: (703) 766-3701  
Fax Number: (703) 766-3644  
E-mail Address: fkemail@fleshner-kim.com

7. Total fee (37 C.F.R. 1.21(h) & 3.41) \$40.00  
 Authorized to be charged by credit card  
 Authorized to be charged to deposit account (if necessary)  
 Enclosed (Check No. \_\_\_\_\_)  
 None required (government interest not affecting title)

8. Payment Information  
a. Credit Card Last 4 Numbers 2857  
Expiration Date August 2009  
b. Deposit Account Number: 16-0607  
Authorized User Name Daniel Y.J. Kim

9. Signature: \_\_\_\_\_ Date: December 8, 2006  
Signature  
Daniel Y.J. Kim, Registration No. 36,186  
Name of Person Signing  
Total number of pages including cover sheet, attachments, and documents: 2

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# ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- (1) Seong Nam RYU
- (2) Woo Gon JEON
- (3) Sang Min HONG
- (4) Woo Tac KIM
- (5) Kyung A KANG
- (6) Jcng Hyun HAHM
- (7) Jac Sung KIM
- (8) \_\_\_\_\_

who have made a certain new and useful invention, hereby sell, assign and transfer unto

LG Electronics Inc.  
20 Yeosuide-dong, Youngdeungpo-ku  
Seoul, 150-010 Republic of Korea

its successors and assigns (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 entitled

PLASMA DISPLAY APPARATUS

(a) for which an application for United States Letters Patent was filed on November 8, 2006 and identified by United States Serial No. 11/594,334; or

(b) for which an application for United States Letters Patent was executed on \_\_\_\_\_

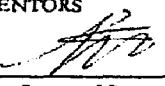
and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and/or that claim priority thereto and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof and/or that claim priority thereto, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

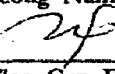
AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.


AND the undersigned hereby grants the firm of PLESHNER & KIM, LLP the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of any issuing authority, including the United States Patent and Trademark Office, for recordation of this document.

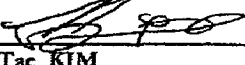
SIGNED on the dates indicated aside our signatures:

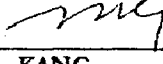
INVENTORS


1)   
 Name: Seong Nam RYU

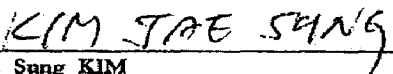
2)   
 Name: Woo Gon JEON

3)   
 Name: Sang Min HONG

4)   
 Name: Woo Tac KIM

5)   
 Name: Kyung A KANG

6)   
 Name: Jcng Hyun HAHM

7)   
 Name: Jae Sung KIM

DATE SIGNED

Nov. 11th. 2006

Nov. 11th. 2006

Nov. 11th. 2006

November. 6th. 2006

November. 8th. 2006

Nov. 11th. 2006

Nov. 11th. 2006