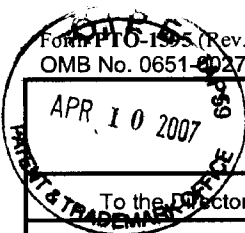


04-13-2007



103394531

ET

To the Director of the U.S. Patent and Trademark Office

I documents or the new address(es) below.

4-10-07

1. Name of conveying party(ies)

1) Bong Chul KIM (4/2/07); 2) Seung Hyung LEE (4/2/07); 3) Kyo Yong KOO (4/2/07); 4) Hyeon Jin SEO (4/2/07); 5) Dhang KWON (4/2/07); and 6) Robert TAFF (4/2/07)

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

2. Name and address of receiving party(ies)

1) LG.Philips LCD CO., LTD. and
Name: 2) ULVAC, Inc.

Internal Address: _____

Street Address: 1) 20, Yoido-dong, Youngdungpo-gu
Seoul, Republic of Korea; and

City: 2) Hagisono 2500, Chigasaki-shi, Kanagawa-

State: ken, Japan

Country: _____ Zip: _____

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

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

Execution Date(s) (in parenthesis)

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)
11/647,233

B. Patent No.(s)

Additional numbers attached? Yes NO

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

Name: Victoria Hao

Internal Address: _____

Street Address: 815 Connecticut Avenue, N.W.

Suite 500

City: Washington

State: D.C. Zip: 20006-4004

Phone Number: (202) 463-2400

Fax Number: (202) 955-3133

Email Address: vhao@seyfarth.com

6. Total number of applications and patents involved: 1

7. 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

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number _____

Authorized User Name _____

9. Signature: [Signature] Signature

April 10, 2007 Date

Victoria Hao - Registration No. - 47,630
Name of Person Signing

Total number of pages including cover sheet, attachments and document: 3
04/11/2007 DEMAND 0000001 11647233

02 FC:8021

40.00 OP

ASSIGNMENT

WHEREAS we, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

**COLOR FILTER SUBSTRATE FOR LIQUID CRYSTAL DISPLAY
DEVICE AND METHOD FOR FABRICATING THE SAME**

for which we executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on December 29, 2006, (Application No. 11/647,233); and

WHEREAS, LG.Philips LCD Co., Ltd., a corporation of Republic of Korea, whose post office address is 20, Yoido-dong, Youngdungpo-gu, Seoul, Republic of Korea; and ULVAC, Inc., a corporation of Japan, whose post office address is Hagisono 2500, Chigasaki-shi, Kanagawa-ken, Japan; (hereinafter referred to as Assignees), are each desirous of acquiring an undivided interest in 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 issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, 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 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, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to 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, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. 11/647,233 , filed December 29, 2006) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, we have hereunto set our hands.

Full Name of First Assignor Bong Chul KIM	Assignor's Signature <i>Bong Chul Kim</i>	Date April 2, 2007
Address: Doosan Chunggu 2002 Apt. 113-703ho, 52-1, Paldal-dong Buk-gu Daegu, Republic of Korea		Citizenship Republic of Korea

Names of additional inventors attached Yes No

Full Name of Second Assignor Seung Hyung LEE	Second Assignor's Signature <i>Seung Hyun Lee</i>	Date April 2, 2009
Address: Eounmok Maeul Daewon Cantavil Apt. 4102-1601 Dongbaek-Dong, Giheung-gu, Yongin-si Gyeonggi-do, Republic of Korea		Citizenship Republic of Korea

Full Name of Third Assignor Kyo Yong KOO	Third Assignor's Signature <i>Kyo Yong Koo</i>	Date April 2, 2009
Address: Mirae Jugong Apt. 104-101, Jiphyeong-dong, Gumi-si Gyeongsangbuk-do, Republic of Korea		Citizenship Republic of Korea

Full Name of Fourth Assignor Hyeon Jin SEO	Fourth Assignor's Signature <i>Hyeon Jin Seo</i>	Date April 2, 2009
Address: Daewoo Prugio Apt. 101-1001, Gupyeong-dong, Gumi-si Gyeongsangbuk-do, Republic of Korea		Citizenship Republic of Korea

Full Name of Fifth Assignor Dhang KWON	Fifth Assignor's Signature <i>Dhang KWON</i>	Date April 2, 2009
Address: Wolpyeong Town Apt. 102-205, Wolpyeong 1-dong, Seo-gu Daejeon, Republic of Korea		Citizenship Republic of Korea

Full Name of Sixth Assignor Robert TAFF	Sixth Assignor's Signature <i>Robert Taff</i>	Date April 2, 2009
Address: Litrex Corporation, 6670 Owens Drive Pleasanton, CA 94588-3334, USA		Citizenship USA

Names of additional inventors attached Yes No

COPY

RECORDATION FORM COVER SHEET
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)
1) Bong Chul KIM (4/2/07); 2) Seung Hyung LEE (4/2/07); 3) Kyo Yong KOO (4/2/07); 4) Hyeon Jin SEO (4/2/07); 5) Dhang KWON (4/2/07); and 6) Robert TAFF (4/2/07)
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
1) LG.Philips LCD CO., LTD. and
Name: 2) ULVAC, Inc.
Internal Address: _____

3. Nature of conveyance/Execution Date(s):
Execution Date(s) (in parenthesis)
 Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

Street Address: 1) 20, Yoido-dong, Youngdungpo-gu Seoul, Republic of Korea; and
City: 2) Hagisono 2500, Chigasaki-shi, Kanagawa-
State: ken, Japan
Country: _____ Zip: _____
Additional name(s) & address(es) attached? Yes No

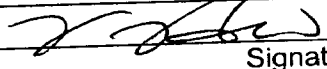
4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No.(s)
11/647,233
Additional numbers attached? Yes NO

B. Patent No.(s)

5. Name and address to whom correspondence concerning document should be mailed:
Name: Victoria Hao
Internal Address: _____
Street Address: 815 Connecticut Avenue, N.W.
Suite 500
City: Washington
State: D.C. Zip: 20006-4004
Phone Number: (202) 463-2400
Fax Number: (202) 955-3133
Email Address: vhao@seyfarth.com

6. Total number of applications and patents involved: 1
7. 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
a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account Number _____
Authorized User Name _____

9. Signature:  Signature
Victoria Hao - Registration No. - 47,630
Name of Person Signing

April 10, 2007 Date

Total number of pages including cover sheet, attachments, and document: 3