

Resub



08-13-2002



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Form PTO-159
(Rev. 03/01)
OMB No. 0651-0047 (Exp. 5/31/2002)

RECC

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

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

1. Name of conveying party(ies):

Dong G. Kim (October 10, 2001), Woong-Kwon Kim
(October 15, 2001), Kyoung-Su Ha (October 10, 2001),
and Heume I. Baek (October 10, 2001)

Additional name(s) of conveying party(ies)
attached?

☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: see Box 1, conveying parties

2. Name and address of receiving party(ies)

Name: LG.Philips LCD Co., LTD

Internal Address:

Street Address:

20
Yoido-Dong
Youngdungpo-Ku

City: Seoul

State: Korea, Republic of Zip:

Additional name(s) &
address(es) attached:

☐ Yes ☒ No

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

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

A. Patent Application No.(s):

09/893,557

B. Patent No.(s):

Additional numbers attached?

☐ Yes ☒ No

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

Name: Song K. Jung
MCKENNA LONG & ALDRIDGE LLP

Internal Address: Atty. Dkt.: 8733.475.00-US

Street Address: 1900 K Street, N.W.

City:
Washington

State: Zip:
DC 20006

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

8. Deposit account number:

50-0911

(Attach duplicate copy of this page if paying by deposit account)

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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.

Teresa M. Arroyo Reg No 50015
Name of Person Signing

Teresa M. Arroyo
Signature

August 2, 2002
Date

Total number of pages including cover sheet, attachments, and documents: 16

08/12/2002 DBYRNE 00000179 500911 09893557

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30827

PATENT TRADEMARK OFFICE

PATENT
REEL: 013173 FRAME: 0726



05-08-2002



102082498

Set No.: 8733.475.00

DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks
thereof.

1 document or copy

1. Name of conveying party(ies):

Dong Guk KIM
Woong Kwon KIM
Kyoung Su HA
Heume Il BAEK

4-25-02

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

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

Name: LG.Philips LCD Co., Ltd.
Address: 20, Yoido-dong, Youngdungpo-ku
Seoul, KOREA

RECEIVED

APR 25 2002

OFFICE OF PATENTING

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Dates: 10/10/01 and 10/15/01

Additional name(s) and address(es) attached? ☐ Yes ☒ No

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

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

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

LONG ALDRIDGE & NORMAN, LLP
701 Pennsylvania Avenue, N.W.
Sixth Floor, Suite 600
Washington, D.C. 20004

6. Total applications and patents involved: 1

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

- ☒ Enclosed
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8. Deposit account number: 50-0911

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Teresa M. Arroyo

Name of Person Signing

Registration Number: 50,015

Teresa M. Arroyo
Signature

April 24, 2002

Date

Total number of pages including this cover sheet: 3

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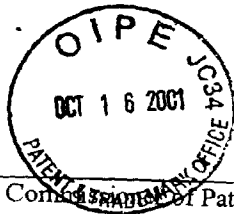
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PATENT TRADEMARK OFFICE



30827

PATENT
REEL: 013173 FRAME: 0727



10-23-2001



101881971

Atty. Docket No.: 8733.475.00
U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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

1. Name of conveying party(ies):

Dong Guk KIM
Woong Kwon KIM
Kyoung Su HA
Heume Il BAEK
Yong Beom KIM

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

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Dates: 10/10/01 and 10/15/01

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

Name: LG.Philips LCD Co., Ltd.
Address: 20, Yoido-dong, Youngdungpo-ku
Seoul, KOREA

Additional name(s) and address(es) attached? ☐ Yes ☒ No

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

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

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

LONG ALDRIDGE & NORMAN, LLP
701 Pennsylvania Avenue, N.W.
Sixth Floor, Suite 600
Washington, D.C. 20004

6. Total applications and patents involved: 1

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

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8. Deposit account number: 50-0911

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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.

Song K. Jung

Name of Person Signing

Registration Number:

Signature

October 16, 2001

Date

Total number of pages including this cover sheet: 3

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Washington, D.C. 20231

Docket No.: 8733.475.00

Page 1 of 2

Assignment of ApplicationWHEREAS, I (WE) Dong Guk KIM, Woong Kwon KIM, Kyoung Su HA,Heume Il BAEK and Yong Beom KIM

, respectively,

have invented certain new and useful improvements in: REFLECTIVE AND
TRANSFLECTIVELIQUID CRYSTAL DISPLAY DEVICE AND ITS MANUFACTURING METHODfor which an application for Letters Patent was executed
on(Application No. 09/893,557 , Filed 6/29/2001), andWHEREAS, LG.Philips LCD Co., Ltd.(hereinafter referred to as "ASSIGNEE") having a place of business at:
20 Yoido-dong, Youngdungpo-ku, Seoul, KOREA

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and

TO:KIM

031-450-7404

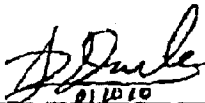
10-15 13:57 MON FROM:LG.PHILIPS LCD

all foreign countries.


Page 2 of 2

The undersigned hereby grant(s) the firm of Long Aldridge & Norman LLP, Attorneys at Law, 6th Floor, 701 Pennsylvania Avenue, N.W., Washington, D.C. 20004 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

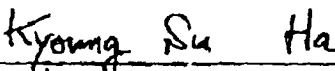
Date: 2001.10.10


(Signature of Inventor)
Dong Guk KIM


Date: Oct. 15, 2001


(Signature of Inventor)
Woong Kwon KIM

Date: 2001.10.10


(Signature of Inventor)
Kyoung Su HA

Date: 2001.10.10


(Signature of Inventor)
Heumil BAEK

Date:

(Signature of Inventor)
Yong Beom KIM

Long Aldridge & Norman LLP
Attorneys At Law
6th Floor, 701 Pennsylvania Avenue, N.W.
Washington, D.C. 20004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Dong Guk KIM et al.

Group Art Unit: 2812

Application No.: 09/893,357

Examiner: Unknown

Filing Date: June 29, 2001

For: Reflective and Transflective Liquid Crystal Display
Device and Its Manufacturing Method

DECLARATION OF SEUNG K. LEE

I, Seung K. Lee, hereby declare the following:

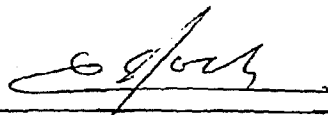
1. About eight months after filing the Korean Application No. 2000-61931, LG.Philips LCD Co., Ltd. requested me to prepare a patent application for filing in the United States corresponding to the Korean Application. I prepared a draft of the U.S. Application, which included translating the Korean Application, and forwarded the draft application to the U.S. patent attorney on June 11, 2001. Since the Korean Application was already written, the inventor did not need to be contacted to complete the draft U.S. application. The U.S. attorney reviewed and edited the patent application to place the application in good form for U.S. practice and sent it back to me on June 23, 2001. On June 29, 2001, I instructed the U.S. attorney to file the application without the declaration. The U.S. application was filed on June 29, 2001, which is approximately four months before the one-year anniversary date of the priority date of the Korean application. Subsequent to the U.S. filing, we received a Notice to File Missing Parts dated August 17, 2001. I have been unable to locate one of the inventors of the U.S. patent application identified above, Yong Beom Kim. Because I could not locate Yong Beom Kim, he has not executed a Declaration for the pending U.S. patent application.
2. I have made a diligent effort to find Yong Beom Kim, who is a joint inventor in the above-identified application, to obtain a Combined Declaration and Power of Attorney executed by him, as explained below.
3. On or about October 9, 2001, on behalf of the assignee, LG.Philips LCD Co., Ltd., I sent a copy of the complete application papers with a request that he sign the declaration for the patent application by registered mail to his last known address. The contents of the envelope included the finalized specification and drawings, and Combined Declaration and Power of Attorney for Mr. Kim's execution. However, the envelope was returned back to my law firm in Korea, Kims International Patent &

DC: 89296.1

Law Office, as indicated in the attached copy of the returned envelope, which recites in Korean "moved". A verified translation of the reason why the envelope was returned is attached.

4. Yong Beom Kim's last known address is: Dongsin Apt. 212-80, 313-1 Chongchadong, Changan-gu Suwon-shi, Kyonggi-do, Republic of Korea.
5. In attempting to locate Yong Beom Kim, I also called his last known telephone number both at work and at home in the Republic of Korea, but Yong Beom Kim was not reachable at both of these numbers because he left his employment at LG.Philips Co., Ltd. and moved from his last known address. His managers and other employees also did not know his whereabouts.
6. I do not currently have any other address, telephone number, or other information for contacting Yong Beom Kim.

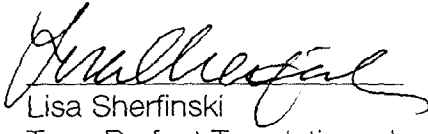
April 12, 2002
Date


Seung K. Lee

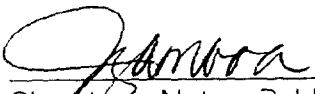


AFFIDAVIT OF ACCURACY

I, Lisa Sherfinski, hereby certify that the following is, to the best of my knowledge and belief, a true and accurate translation of the enclosed documents from Korean into English.


Lisa Sherfinski
TransPerfect Translations, Inc.
1101 Pennsylvania Ave., NW
Washington, DC 20004

Sworn to before me this
23rd day of April, 2002


Signature, Notary Public

Irma B. Gamboa
Notary Public, District of Columbia
My Commission Expires 10-14-2006

Stamp, Notary Public
District of Columbia

ATLANTA
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양수인

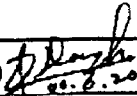
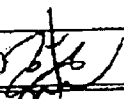
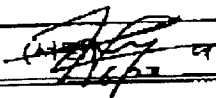
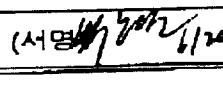
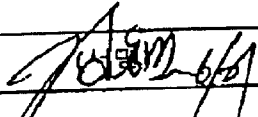
주 소 : 서울특별시 영등포구 여의도동 20번지

성 명 : LG.PHILIPS LCD 주식회사

공동 대표이사 구본준, Ron H. Wirahadiraksa

다음의 발명에 관하여 國內外에서 특허(실용신안등록)를 받을 수 있는 권리를 귀하에게 양도합니다.

2000 년 6 월 20 일

1.사건의 표시	특 허 (실 용 신 안)	
2.발명의 명칭	반사형/반투과형 LCD의 storage capacitance 구조	
3.양도인(발명자)		
주 소: 서울시 강서구 방화1동 신안 아파트 12 동 201호		
주민등록번호: 721113 - 1047716	성 명: 김 동 국	(서명) 
주 소: 경기도 군포시 산본동 1145, 세종 아파트 640동 1204호		
주민등록번호: 700217-1480917	성 명: 김 용 권	(서명) 
주 소: 서울시 동작구 사당동 1027-15		
주민등록번호: 720921 - 1091013	성 명: 하 경 수	(서명) 
주 소: 서울시 영등포구 대림2동 1027-3번지		
주민등록번호: 750222 - 1120712	성 명: 백 흥 일	(서명) 
주 소: 경기도 수원시 장안구 정자동 313-1 동신APT 212동 807호		
주민등록번호: 690108 - 1454629	성 명: 김 용 범	(서명) 

Deed of Transfer

Transferee:

Address: 20, Yeoido-dong, Yongdeungpo-ku, Seoul

Name: LG Philips LCD Co., Ltd.

Joint representative directors: Bon-Joon Koo, Ron H. Wirahadiraksa

We do hereby transfer to you the rights to receive a patent (utility design registration) for the following invention both in Korea and overseas.

June 20, 2000

1. Case Type: Patent (utility design)
2. Title of the Invention: Storage capacitance structure of reflective/transflective LCD

3. Transferors (Inventors)

Address: Shinan Apt., 12-201, Banghwa-1-dong, Kangseo-ku, Seoul
Resident registration number: 721113-1047716, Name: Dong-Guk Kim (signature) [signature]

Address: Saejong Apt., 640-1204, 1145, Sanbon-dong, Kunpo-shi, Kyeonggi-do
Resident registration number: 700217-1480917, Name: Woong-Kwon Kim (signature) [signature]

Address: 1027-15, Sa-[dang]-dong, Dongjak-ku, Seoul
Resident registration number: 720921-1091013, Name: Kyeong-Su Ha (signature) [signature]

Address: 1027-3, Daelim-2-dong, Youngdeungpo-ku, Seoul, Korea
Resident registration number: 750222-1120712, Name: Heung-Il Baek (signature) [signature]

Address: Dongshin Apt., 212-807, 313-1, Jeongja-dong, Jangan-ku, Suwon-shi, Kyeonggi-do
Resident registration number: 690108-1454629, Name: [illegible]-Beom Kim (signature) [signature]

LG (23) Deuk 001A4 (990901)

LG Philips [LCD]