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

1. Name of conveying party(ies):

Jae Kyun LEE
Chang Wook HANAdditional name(s) of conveying party(ies)
attached?☐

Yes

☒

No

3. Nature of Conveyance:

☒

Assignment

☐

Merger

☐

Security Agreement

☐

Change of Name

☐

Other

Execution Date: October 27 and November 10,
1999

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

Country: 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: October 27 and
November 10, 1999

A. Patent Application No.(s):

10/277,815

B. Patent No.(s):

6,509,939

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.: 8733.021.21

Street Address:
1900 K Street, N.W.City:
WashingtonState:
DCZip:
200066. 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

☐

Authorized to be charged to credit card

(Form 2038 enclosed)

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.Rebecca Goldman Rudich
Name of Person Signing

Signature

December 7, 2004
Date

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

12/08/2004 ANAB11 00000082 11004986
02 FC:8021 40.00 OPPATENT
REEL: 016052 FRAME: 0357

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s) (1) Jae Kyun LEE (5)

(2) Chang Wook HAN (6)

(3) (7)

(4) (8)

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Insert Name of Assignee (9) LG.Philips LCD Co., Ltd.

(10) Insert state of incorporation of Assignee (10) KOREA

(11) Insert address of Assignee (11) 20, Yoido-dong, Yongdungpo-ku, Seoul, KOREA

(Hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention know as

(12) Insert identification of Invention, such as Title, Case Number or Foreign Application Number (12) HYBRID SWITCHING MODE LIQUID CRYSTAL DISPLAY DEVICE AND METHOD OF MANUFACTURING THEREOF

Application No. 09/348,704 filed July 7, 1999

for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.

(13) Insert Date of Signing of Application (13) on 99.11.10

- 1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the Assignee, as Assignee of the entire interest, and hereby covenant(s) that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, any agreement in conflict herewith.
- 6) The undersigned hereby appoint(s) STEVEN B. KELBER, Reg. No. 30,073; MARC R. LABGOLD, Ph.D., Reg. No. 34,651; SONG K. JUNG, Reg. No. 35,210; SHARON E. CRANE, Ph.D., Reg. No. 36,113; CATHERINE BAX RICHARDSON, Reg. No. 39,007; KENNETH D. SPRINGER, Reg. No. 39,843; JAMES M. HEINTZ, Reg. No. 41,828; and AMY L. MILLER, Reg. No. 43,804 the power to insert on this Assignment any further identification 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.

Signature of INVENTOR 1 <i>LEE Jae Kyun</i>	Signature of INVENTOR 2 <i>Han chang wook</i>
DATE: 99.11.10	DATE: 99.10.27
Signature of INVENTOR 3	Signature of INVENTOR 4

DC:37612.1