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U.S DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patents and Liquidian 101234639

inal documents or copy thereof.

1. Name of conveying party(ies): 2. Name and address of receiving party(ies): LG.PHILIPS LCD CO., LTD. Jin-Mo YOON and Dae-Gyu MOON Name: 20, Yoido-dong, Youngdungpo-ku Address: Seoul, KOREA Additional name(s) of conveying party(ies) attached? □Yes ■No 3. Nature of Conveyance: ■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other Execution Date: November 29, 1999 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: 09/457386 B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? □Yes ■No 5. Name and address of party to whom correspondence 6. Total applications and patents involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 LONG ALDRIDGE & NORMAN LLP Enclosed 701 Pennsylvania Avenue, N.W. □ Authorized to be charged to deposit account 6th Floor 8. Deposit account number: 50-0911 Washington, D.C. 20004 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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 - 35,210 December 9, 1999 Name of Person Signing Date Signature Registration Number: Total number of pages including this cover sheet: Do not detach this portion Mail documents to be recorded with required cover sheet information to: 12/22/1999 AGRAY1 00000005 09457389 Commissioner of Patents and Trademarks 03 FC:581 40.00 OP **Box Assignments** Washington, D.C. 20231

## CERTIFICATE OF MAILING 37 C.F.R. §1.8

I hereby certify that this paper is being deposited with the U.S. Postal Service as First-Class Mail, postage prepaid, in an envelope addressed to: Assistant Commissioner for Patents, Washington,, D.C. 20231, on the date shown below:

Date

Susan F. Mahon

PATENT NAS7 ERAME: 057

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## ASSIGNMENT

| (1-8) Insert Name(s) of Inventor(s)   | (1) Jin-Mo Yoon  | (3) |
|---|--|-----|
|   | (2) Dac-Gyu Moon   | (4) |
|   | In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each undersigned, the undersigned agree(a) 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) insen address of Assignee  | (11) 20, Yoldo-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) A THIN FILM TRANSISTOR AND A FABRICATING METHOD THEREOF   |     |
| (1.3) Insert Date of Sigrong of<br>Application  | (13) on 11/29/99   |     |

- 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.
- 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.
- 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.
- 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.
- The undersigned hereby appoint(s) STEVEN B. KELBER, Reg. No. 30,073, MARCR. LABGOLD, Ph.D., Reg. No. 34,651; SONG K.

  JUNG, Reg. No. 35,210, SHARON E. CRANE, Ph.D., Reg. No. 36,113, CATHERINE RAX RICHARDSON, Reg. No. 39,007, KENNETH D. SPRINGER, Reg. No.
  39,843, JANESS 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 desurable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this documeOnt.

| Signature of INVENTOR 1 5 in Mo Youn | Signature of INVENTOR 2  Dae Gyl Many |
|--------------------------------------|---------------------------------------|
| DATE: 11/29/1999                     | DATE. 11/29/1999                      |

RECORDED: 12/09/1999

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