

Atty Docket No.: 8733.20061

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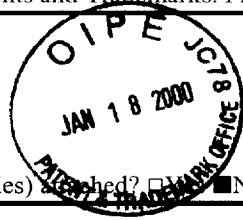
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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

GYOO CHUL JO



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

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: January 5, 2000

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

Name: LG.Philips LCD Co., Ltd.

Address: 20, Yoido-dong
Yongdungpo-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)
09/422,983

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.
6th Floor
Washington, D.C. 20004

6. Total applications and patents involved: **ONE**

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

James M. Heintz

Name of Person Signing

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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

REEL: 010522 FRAME: 0583

PATENT (U.S.A.)
ATTORNEY'S DOCKET NO. 8733.20661

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)

(1) <u>Gyoo Chul JO</u>	(5)
(2)	(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, Yeoido-dong, Yongsungpo-ky, Seoul, KOREA

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

(12) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number
(12) Application No. 09/422,983 filed 10/22/99 for Method of Manufacturing a Substrate for Electronic Device by Using Etchant and Electronic Device Having the Substrate

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 05 Jan 2000

- 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.
- 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. KELSER, Reg. No. 30,073; MARC N. LANGOLD, Ph.D., Reg. No. 34,651; SONG K. JUNG, Reg. No. 35,310; SHARON E. CRANE, Ph.D., Reg. No. 36,113; LAURA A. DONNELLY, Reg. No. 38,433; CATHERINE BAX RICHARDSON, Reg. No. 39,007; KENNETH D. SPRINGER, Reg. No. 39,843; RUSSELL O. PAIQS, Reg. No. 40,758; JAMES M. HEINZ, 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 <u>Jo Gyoo Chul</u>	Signature of INVENTOR 2
DATE: <u>05 Jan 2000</u>	DATE:
Signature of INVENTOR 3	Signature of INVENTOR 4
DATE:	DATE: