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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):

Joon-Young YANG

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

Name: LG.PHILIPS LCD CO., LTD.

Address: 20 Yoido-dong, Youngdungpo-ku
Seoul, KOREAAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

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

Execution Date October 26, 1999

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

4. Application number(s) or patent number(s): 09/434118

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.
 6th Floor
 Washington, D.C. 20004

6. Total 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
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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.

Kenneth D. Springer - 39,843

Name of Person Signing

Signature

November 5, 1999

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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 E. Mahon
PATENT

REEL: 010375 FRAME: 0915

Assignment of Application

WHEREAS, I (WE) Joon-Young YANG

_____, respectively,

have invented certain new and useful improvements in: An Impurity Doping Apparatus

for which an application for Letters Patent was executed on _____

(Application No. _____, Filed _____), and

WHEREAS, 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 behoof 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 know 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 all foreign countries.

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: <u>Oct. 26, '99</u>	<u>Joon-Young YANG</u> (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)

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

DC:36873.1

RECORDED: 11/05/1999

PATENT
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