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

1. Name of conveying party(ies):
   Gi-Hong Kim

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

3. Nature of Conveyance:
   [X] Assignment
   [ ] Merger
   [ ] Security Agreement
   [ ] Change of Name
   [ ] Other

   Execution Date: 7.23.02

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): 10/151,314

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.: 8733.652.00-US
   Street Address: 1900 K Street, N.W.

   City: Washington
   State: DC
   Zip: 20006

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) $40.00
   [X] Enclosed
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8. Deposit account number: 50-0911
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   Teresa M. Arroyo
   Name of Person Signing

   [Signature]
   July 23, 2002
   Date

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

PATENT
REEL: 013123 FRAME: 0680
Docket No.: 8733.652.00

Assignment of Application

WHEREAS, I (WE) | Gi-Hong KIM

have invented certain new and useful improvements in:

ARRAY SUBSTRATE FOR AN IN-PLANE SWITCHING MODE LIQUID CRYSTAL DISPLAY DEVICE AND A FABRICATING METHOD THEREOF

for which an application for Letters Patent was executed on

(Application No. 10/151,314, Filed May 21, 2002), 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 therefore 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 all foreign countries.

The undersigned hereby grant(s) the firm of McKenna Long & Aldridge LLP,
Attorneys at Law, 1900 K Street, N.W., Washington, D.C. 20006 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: 2002. 07. 18  
(Signature of Inventor)  
Gi-Hong KIM

McKenna Long & Aldridge LLP
Attorneys At Law
1900 K Street, N.W.
Washington, D.C. 20006