Filing Date: 05-01-2000

1. Name of conveying party(ies):
   Sang-Soo KIM; Coong-Seob OH; Jin-Hyeok PARK; Jin-Ho PARK; Dong-Gyu KIM; Yong-Eun PARK; Nam-Soo KANG; and Gyu-Su LEE

2. Name and address of receiving party(ies):
   Name: SAMSUNG ELECTRONICS CO., LTD.
   Street Address: 416, Maetan-dong, Paeful-ku
   City: Suwon State: Kyungki-do
   Country: Republic of Korea

3. Nature of Conveyance:
   ☑ Assignment
   □ Merger
   □ Security Agreement
   □ Change of Name
   ☑ Other

   Execution Date(s): April 14, 2000

4. Application number(s) or patent number(s):
   If this document is being filled together with a new application, the execution date of the application is April 14, 2000.
   A. Patent Application No(s).
   B. Patent No(s).

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: HOWREY SIMON ARNOLD & WHITE, LLP
   Internal Address:
   Street Address: Box No. 34
                 1299 Pennsylvania Ave., N.W.

6. Total number of applications and patents involved

7. Total fee (37 C.F.R. § 3.41)(a) $40.00
   ☑ Enclosed
   ☐ Authorized to be charged to Deposit Account

8. Deposit Account Number: 08-3038

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.

   Michael J. Bell
   Registration No. 39,604
   Signature
   April 17, 2000
   Date

   OMB No. 0651-0011 (exp. 4-94)
   Mail documents to be recorded with required cover sheet information to:
   Commissioner of Patents and Trademarks, Box Assignment
   Washington, D.C. 20231

   PATENT
   REEL: 010733 FRAME: 0141
ASSIGNMENT

In consideration of the sum of One Dollar ($1.00) or equivalent and other good and valuable consideration paid to the undersigned: Sang-Soo KIM, Choong-Seob OH, Jia-Hyeok PARK, Jia-Ho PARK, Dong-Gyu KIM, Yang-Eun PARK, Nam-Soo KANG, Gyu-Soon LEE the undersigned hereby sell and assign to SAMSUNG ELECTRONICS CO., LTD. (the Assignee), their entire right, title and interest

[Check applicable box(es)]

☐: for the United States of America
(as defined in 35 U.S.C. 100),

☒: and throughout the world,

in the invention known as TAPE CARRIER PACKAGE AND A LIQUID CRYSTAL DISPLAY PANEL HAVING THE SAME, for which application for patent in the United States of America has been executed by the undersigned on ______________________ (also known as United States Application No. ______________________, filed ________________), in any and all applications thereon, in any and all Letters Patent(s) therefor, and in any and all reissues, extensions, renewals, reexaminations of such applications or Letters Patent(s) and divisional and continuation applications thereof, to the full end of the term or terms for which such Letters Patent(s) issue, including all claims, if any, that may have arisen for infringement prior to the date of this assignment, such entire right, title and interest to be held and enjoyed by the above-named Assignee in the same extent as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.

The undersigned agree to execute all papers necessary in connection with the application and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree to execute all papers necessary in connection with any interference that may be declared concerning the application or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned hereby represent that the undersigned has full right to convey the entire interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict therewith.

The undersigned hereby grants:

Jeffrey J. Auerbach, Reg. No. 32,680
Melvin L. Barnes, Jr. Reg. No. 38,375
Michael J. Belt, Reg. No. 39,604
Mark R. Bushcher, Reg. No. 35,089
Celine T. Callahan, Reg. No. 34,331
Cono A. Carrano, Reg. No. 39,623

Leslie L. Jacobs, Jr., Reg. No. 40,659
Richard H. Kjeldgaard, Reg. No. 30,186
Joseph P. Lavalle, Reg. No. 31,036
David R. Marsh, Reg. No. 41,408
Kevin W. McCabe, Reg. No. 41,122
Joseph A. Micaleff, Reg. No. 39,772

PATENT
REEL: 010733 FRAME: 0142
of HOWREY & SIMON, Box No. 34, 1299 PENNSYLVANIA AVENUE, N.W., Washington, D.C. 20004-24-2; power to insert in this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recording of this document.

IN WITNESS WHEREOF, executed by the undersigned on the date opposite their names.

Date: April 14, 2000 Signature of Invention:

Sang-Soo KIM

Chaung-Seob OH

Jin-Hyeok PARK

Jin-Ho PARK

Dong-Gyu KIM

Yong-Eun PARK

Nam-Soo KANG

Gyu-Su LEE

Date: April 14, 2000 Signature of Inventor:

Date: April 14, 2000 Signature of Inventor:

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Date: April 14, 2000 Signature of Inventor:

Date: April 14, 2000 Signature of Inventor:

RECORDED: 04/17/2000

PATENT REEL: 010733 FRAME: 0143