· 08-02-	1999		
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<ol> <li>Name of conveying party(ies):         <ul> <li>Ki-Seok CHA; Myung-Chul KIM; and Won-Seok LEE</li> </ul> </li> <li>Additional name(s) of conveying party(ies) attached? □ yes ☑ no</li> <li>Nature of Conveyance:</li></ol>	<ul> <li>2. Name and address of receiving party(ies):</li> <li>Name: SAMSUNG ELECTRONICS CO, LTD.</li> <li>Street Address: 416, Maetan-dong, Paldal-ku</li> <li>City: Suwon State: Kyungki-do</li> <li>Country: Republic of Korea</li> <li>Additional name(s) &amp; address(es) attached? □ yes ⊠ not</li> </ul>		
<ul> <li>4. Application number(s) or patent number(s):</li> <li>If this document is being filed together with a new applicat</li> <li>NING 0000010 09357844</li> <li>NO(s).</li> <li>40.00 0P</li> </ul>	B. Patent No(s). 09 357884		
<ul> <li>Additional numbers attached?</li> <li>5. Name and address of party to whom correspondence concerning document should be mailed:</li> </ul>	yes     Image: no       6. Total number of applications and patents involved		
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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. <u>Michael J. Bell</u> Registration No. 39,604 Signature Total number of page including cover sheet, attachments and document 3			
Michael J. Bell Signature	Date		
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## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to the undersigned: Ki-Seok CHA, Myung-Chul KIM, Won-Seok LEE the undersigned hereby sell and assign to SAMSUNG ELECTRONICS CO., LTD. (the Assignee), their entire right, title and interest

*check applicable box(es)*  $\boxed{\checkmark}$ : for the United States of America (as defined in 35 U.S.C. §100),  $\boxed{\checkmark}$ : and throughout the world,

in the invention known as as LIQUID CRYSTAL DISPLAY MODULE USING A FLEXIBLE PRINTED CIRCUIT, for which application for patent in the United States of America has been executed by the undersigned on  $\underline{JULY}$  (2, 1999 (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 to 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-inpart), 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 I. Auerbach, Reg. No. 32,680 Melvin L. Barnes, Jr. Reg. No. 38,375 Michael J. Bell, Reg. No. 39,604 Mark R. Bushcher, Reg. No. 35,006 Celine T. Callahan, Reg. No. 34,301 Cono A. Carrano, Reg. No. 39,623 Joseph V. Colaianni, Reg. No. 39,948 James F. Davis, Reg. No. 21,072 Leslie L. Jacobs, Jr., Reg. No. 40,659 Richard H. Kjeldgaard, Reg. No. 30,186 Joseph P. Lavelle, Reg. No. 31,036 David R. Marsh, Reg. No. 41,408 Kevin W. McCabe, Reg. No. 41,182 Joseph A. Micallef, Reg. No. 39,772 Karen L. Nicastro, Reg. No. 35,968 Andrew Piatnicia, Reg. No. 40,772

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Albert P. Halluin, Reg. No. 25,227	J, David Smith, Reg. No. 39,839
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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 recordation of this document.

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

Date:	July	/2 , 1999	Signature of Inventor:	Ki-Seok CHA
Date:	July	12, 1999	Signature of Inventor:	A Myung-Chui KIM
Date:	July	/Z ,1999	Signature of Inventor:	Won-Seok LEE