10-25-1999



	Form PTO-1595   ILS De	181022	41076
	To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.		99/
	Name of conveying party(ies):	2. Name and address of receiving party(ies):	ρ, j
	Mun-Pyo HONG Woon-Yong PARK Jong-Soo YOON	Name: SAMSUNG ELECTRONICS CO, LTD.  Street Address: 416, Maetan-dong, Paldal-ku	
	Additional name(s) of conveying party(ies) attached?  yes  no	City: Suwon State: Kyungki-do  Country: Republic of Korea	☑
	3. Nature of Conveyance:	Additional name(s) & address(es) attached? ☐ yes	∆ no
	☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other		
	Execution Date(s): May 21, 1999		
	<ol> <li>Application number(s) or patent number(s):</li> <li>If this document is being filed together with a new application, the execution date of the application is October1, 1999.</li> </ol>		
	A. Patent Application No(s).	B. Patent No(s).	
	Additional numbers attached? ☐ yes ☒ no		
	Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involve	:d
	Name: HOWREY & SIMON	7. Total fee (37 C.F.R. § 3.41)\$ 40.00	
	Internal Address:	☑ Enclosed	
		Authorized to be charged to Deposit Acc	ount
	Street Address: Box No. 34 1299 Pennsylvania Ave, N.W.	8. Deposit Account Number: 08-3038	
0/13/1999 JARTIS	State: D.C. Zip Code: 20004-2402		
04 FC:581	40.00 OP DO NOT USE THIS SPACE		
	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.  October 1, 1999  Michael J. Bell Registration No. 39.604  Total number of tages including cover sheet, attachments and document 3  OMB NO. 0651-0011 (exp.4/94)		
	Mail documents to be recorded with required cover sheet information to:  Commissioner of Patents and Trademarks, Box Assignments  Washington, D.C. 20231		

**PATENT REEL: 010322 FRAME: 0887** 

## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to the undersigned: HONG, Mun-Pyo, PARK, Woon-Yong and YOON, Jong-Soo, the undersigned hereby sells and assigns to SAMSUNG ELECTRONICS CO., LTD. (the Assignee), his entire right, title and interest

■: and throughout the world,

in the invention known as

## A THIN FILM TRANSISTOR ARRAY PANEL FOR A LIQUID CRYSTAL DISPLAY AND A METHOD FOR MANUFACTURING 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 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 agrees 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 agrees 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 represents 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. Buscher, Reg. No. 35,006 Celine T. Callanan, 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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Thomas M. Dunham, Reg. No. 39,965 Joel M. Freed, Reg. No. 25,101 Alan M. Grimaldi, Reg. No. 26,599 Alexander J. Hadjis, Reg. No. 36,540 Albert P. Halluin, Reg. No. 25,227 Michael N. Haynes, Reg. No. 40,014

**RECORDED: 10/01/1999** 

Andrea G. Reister, Reg. No. 36,253 Stephen J. Rosenman, Reg. No. 29,209 Timothy L. Scott, Reg. No. 37,931 Anthony W. Shaw, Reg. No. 30,104 J. David Smith, Reg. No. 39,839 Michael J. Songer, Reg. No. 39,841

of HOWREY & SIMON, BOX NO. 34, 1299 PENNSYLVANIA Avenue, N.W., Washington, D.C. 20004-2402, 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 his name.

Date: May 21.1999 Signature of Inventor:

PARK, Woon-Yong

John Soo 250000

YOON, Jong-Soo

PATENT REEL: 010322 FRAME: 0889