FORM PTO-1595 (Rev. 6/93)

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## 06-07-2001

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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Attorney's Docket No. 030681-292

To the Honorable Commissioner of Patents and Trademarks.	Please record the attached original documents or copy thereof.
1. Name of conveying party(ies):  When and DARK and Iso and IANG.	2. Name and address of receiving party(ies):
Kwan-sun PARK and Jae-eun JANG	Name: Samsung SDI Co., Ltd.
Additional name(s) of conveying party(ies) attached? [_] Yes [X] No	Address: <u>575 Shin-dong</u> , Paldal-gu, Suwon-city,
3. Nature of conveyance:	Kyungki-do, Republic of Korea
[X] Assignment [ ] Merger [ ] Change of Name	
Other:	
Execution Date: May 11, 2001	Additional name(s) & address(es) attached? [ ] Yes [X] No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, th	ne execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
09/825,937	
Additional numbers attac	ched? [ ] Yes [X] No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Charles F. Wieland III	7. Total fee (37 CFR § 3.41): \$_40.00
Address: Burns, Doane, Swecker & Mathis, L.L.P.	[X] Enclosed
P.O. Box 1404	[X] Authorized to be charged to deposit account, if necessary
Alexandria, Virginia 22313-1404	8. Deposit account number:
•	02-4800
DO NOT USI	E THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true  Charles F. Wieland III  Name of Person Signing	and correct and any attached copy if a true copy of the original document.  May 31, 2001 Date
	Total number of pages including cover sheet, attachments, and document:
Mail Idammonto to be recorded with	th required cover sheet information to:
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PATENT (03/01)
REEL: 011856 FRAME: 0680

## **ASSIGNMENT**

(TOINT)

THIS ASSIGNMENT, by (1) KWAN-SUN PARK AND (2) JAE-EUN JANG, residing at (1) 155-301 HWANGGOL JUGONG APT., 955-1 YOUNGTONG-DONG, PALDAL-GU, SUWON-CITY, KYUNGKI-DO, REPUBLIC OF KOREA AND (2) SAN 14-1 NONGSEO-RI, KIHEUNG-EUB, YONGIN-CITY, KYUNGKI-DO, REPUBLIC OF KOREA (hereinafter referred to as "the Assignor"), witnesseth:

WHEREAS, the Assignor has invented certain new and useful improvements in LIQUID CRYSTAL DISPLAY DEVICE set forth in an application, which is a

	☐ provisional application		⋈ non-provisional application		
1.	• •	☐ filed herewith;			
		□ to be filed;			
2.	<ul> <li>having an oath or declaration executed on even date herewith prior to filing of application;</li> </ul>				
3.	⊠b	earing Application No.	09/825,937 , and filed on APRIL 5, 2001; and		

WHEREAS, SAMSUNG SDI CO., LTD, a corporation duly organized under and pursuant to the laws of REPUBLIC OF KOREA, and having its principal place of business at 575 SHIN-DONG, PALDAL-GU, SUWON-CITY, KYUNGKI-DO, REPUBLIC OF KOREA (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said application, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including

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provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Burns, Doane, Swecker & Mathis, L.L.P. of Alexandria, Virginia, to insert in the spaces provided above the filing date, application number, and attorney docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date	ll May 2001	Signature of Assignor	Kr.S. Part
			Kwan-sun Park
Date .	11 May 2001	Signature of Assignor	Jae-eun Jane

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RECORDED: 05/31/2001

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