FORM PTO-1595 PADEMINE RI

10-28-2004 102869355 19.22.001

.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Docket No.: 6192.0386.US

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

	ase record the attached original documents or copy thereor.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
Chul HUH; Kwang-Ho KIM; Byoung-Joo KIM;	Name: Samsung Electronics Co., Ltd.	
Sang-Hun LEE	Internal Address:	
Additional names of conveying party(ies) attached?		
☐ yes ⊠ no	Street Address: 416, Maetan-dong, Yeongtong-gu City: Suwon-si, Gyeonggi-do	
3. Nature of Conveyance	State or Country: The Republic of KOREA	
Assignment	A 1 1/2/2	
Security Agreement Change of Name Other	Additional name(s) & address(es) attached? yes no	
Execution Date: October 18, 2004		
4. Application number(s) or patent number(s):		
	D LIQUID CRYSTAL DISPLAY INCLUDING	
THE SAME		
If this document is being filed together with a new application, the execution date of the application is		
A. Patent Application No(s).10/882,404 filed on July 2, 2004		
B. Patent No(s). Additional numbers attached	hed? ☐ Yes No	
Additional numbers attac		
Additional numbers attaction of party to whom correspondence	hed? Yes No 6. Total number of applications and patents involved: 1	
Additional numbers attact 5. Name and address of party to whom correspondence concerning document should be mailed:		
Additional numbers attact 5. Name and address of party to whom correspondence concerning document should be mailed: Hae-Chan Park, Esq.	6. Total number of applications and patents involved: 1	
Additional numbers attact 5. Name and address of party to whom correspondence concerning document should be mailed: Hae-Chan Park, Esq. McGuireWoods LLP 1750 Tysons Boulevard, Suite 1800	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$40.00 ☑ Enclosed	
5. Name and address of party to whom correspondence concerning document should be mailed: Hae-Chan Park, Esq. McGuireWoods LLP	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$40.00	
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5. Name and address of party to whom correspondence concerning document should be mailed: Hae-Chan Park, Esq. McGuireWoods LLP 1750 Tysons Boulevard, Suite 1800 McLean, Virginia 22102 9. Statement and signature	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account ☐ Total fee due ☐ Any deficiencies in the enclosed fees 8. Deposit account number: 23-1951	
5. Name and address of party to whom correspondence concerning document should be mailed: Hae-Chan Park, Esq. McGuireWoods LLP 1750 Tysons Boulevard, Suite 1800 McLean, Virginia 22102	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account ☐ Total fee due ☐ Any deficiencies in the enclosed fees 8. Deposit account number: 23-1951	
Additional numbers attact 5. Name and address of party to whom correspondence concerning document should be mailed: Hae-Chan Park, Esq. McGuireWoods LLP 1750 Tysons Boulevard, Suite 1800 McLean, Virginia 22102 9. Statement and signature To the best of my knowledge and belief, the foregoing inform	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account ☐ Total fee due ☐ Any deficiencies in the enclosed fees 8. Deposit account number: 23-1951	

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PATENT REEL: 015920 FRAME: 0067

<u>ASSIGNMENT</u>		
	Whereas, Assignor has invented certain new and useful processes, machines, articles of manufacture, compositions of matter, and/or improvements thereof ("Invention") disclosed in	
	an application for United States Letters Patent entitled	
	COLOR FILTER ARRAY PANEL AND LIQUID CRYSTAL DISPLAY INCLUDING THE SAME upon which United States Letters Patent, Patent Number, has issued ("Patent");	
	Whereas, Assignor desires to convey all rights, title and interests in and to the same to Samsung Electronics Co., Ltd. ("Assignee"), with offices located at 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea	
	Now, for valuable consideration by Assignee to Assignor, the receipt of which is hereby acknowledged, and for other good and valuable consideration, Assignee and Assignor hereby agree as follows:	
	Assignor hereby conveys, assigns, sells and transfers to Assignee all rights, title and interests in and to the Invention disclosed in said application and in and to any Letters Patent of the United States, , any continuation, division, renewal, or substitute thereof, and hereby grant to Assignee the right to apply in its own name for patents or inventor's certificates and related rights heretofore or hereafter filed for the Invention in any and all countries, including (without limitation) all rights to claim priority based thereon, all patents granted thereon and all reissues, extensions and renewals thereof.	
	Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.	
	Assignor further covenants that Assignee will, upon Assignee's request, be provided promptly with all pertinent facts and documents relating to the Invention, Patent, Application and any patents granted thereon, as may be known and accessible to Assignor, and Assignor will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or Assignee's legal representative any and all papers, instruments or affidavits required to apply for, protect, obtain, maintain, issue, defend and enforce the Application, Patent, Invention, whether in the U.S. or any and all foreign countries and any patents granted thereon and/or for obtaining any reissue or reissues of any patent which may be granted for the invention and perform such further acts which may be necessary or desirable to carry out the intent of this agreement as the Assignee thereof shall hereafter require and prepare at assignee's expense	
	IN WITNESS WHEREOF, Assignor has hereunto set hand and seal.	

Assignor: Signature:	H. Ohul.
Print Name: HUH, Chul	
Address: Suji 2 jigu	ı 7-danji Apt. 702-104, Poongduckcheon-ri, Suji-eup, Yongin-si, Gyeonggi-do, Korea
noto: October	18,2004

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Docket No.:
Assignor: Signature: KIM, KWANG—Ho
Name: KIM, Kwang-Ho
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Date: Ocotober 18,2004
Assignor: B. J. Kan
Print Name: KIM, Byoung-Joo
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Date: October 18 2004
Assignor: Los, Sary - Mus
Print
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Address Jeonwon Officetel 209, 685-15, Seongjeong-dong, Cheonan-si, Chungcheongnam-do, Korea
Doto: a t. l za acad

RECORDED: 10/25/2004