FORM PTO-1595

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 6192.0318.US

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): Name and address of receiving party(ies): Young-Ki KIM Name: Samsung Electronics Co., Ltd. Seung-Woo LEE Internal Address: Additional names of conveying party(ies) attached? ☐ yes ⊠ no Street Address: 416, Maetan-dong, Paldal-ku City: Suwon-city, Kyunggi-do 3. Nature of Conveyance State or Country: The Republic of KOREA Merger Security Agreement ☐ Change of Name Additional name(s) & address(es) attached? Other _ yes no Execution Date: September 5, 2003 4. Application number(s) or patent number(s): •Title: LIQUID CRYSTAL DISPLAY If this document is being filed together with a new application, the execution date of the application is September 5, 2003 A. Patent Application No(s). filed on 10/673208 B. Patent No(s). Additional numbers attached? Yes ⊠ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Hae-Chan Park, Esq. McGuireWoods LLP ⊠ Enclosed 1750 Tysons Boulevard, Suite 1800 McLean, Virginia 22102 Authorized to be charged to deposit account Total fee due Any deficiencies in the enclosed fees 8. Deposit account number: 23-1951 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

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of the original document.

Hae-Chan Park, Reg. No. 50,114

Name of Person Signing

40.00 0

PATENT REEL: 014555 FRAME: 0685

September 30, 2003

ASSIGNMENT OF INVENTION

WHEREAS, WE, KIM, Young-Ki and LEE, Seung-Woo have invented certain new and useful improvements in <u>LIQUID CRYSTAL DISPLAY</u> for which a patent application has been executed.

AND WHEREAS, <u>Samsung Electronics Co., Ltd.</u> having a principal place of business at <u>416, Maetan-dong, Paldal-ku, Suwon-city, Kyungki-do, Korea</u>, referred to as Assignee, is desirous of acquiring our interest in said invention and in any Letters Patent which may be granted therefor.

NOW THIS INDENTURE WITNESSETH, That for a valuable consideration, the receipt of which is hereby acknowledged, we hereby assign, sell and transfer unto the said assignee, the entire right, title and interest in and to inventions disclosed in said application and in and to any Letters Patent of the United States and in and to any Letters Patent or Inventor's Certificates of any and all foreign countries which may be granted therefor, and in and to any and all priority and/or Convention rights or benefits accruing or to accrue to me with respect to the filing or securing of patents in the United States and/or securing of patents or inventor's certificates in any and all countries foreign thereto.

AND WE hereby grant to assignee the right to apply in its own name for patents or inventor's certificates corresponding to the above invention in countries foreign to the United States.

AND WE hereby further agree to sign and properly execute such necessary and lawful papers for application for foreign patents and inventor's certificates for filing applications for United States, foreign patents and inventor's certificates for subdivisions of any applications for patent or inventor's certificate and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention and to perform such further acts as may be required to carry out the intent of this agreement as the assignee thereof shall hereafter require and prepare at assignee's expense.

Dated: September 5, 2003

Name: KIM, Young-Ki

Dated:_September 5, 2003

RECORDED: 09/30/2003

Name: LEE, Seung-Woo

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PATENT REEL: 014555 FRAME: 0686