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| Soo-Mahn KIM | Name: LG.Philips LCD CO., Ltd. | | | | |
| 1087-1 Hogye-dong, Tongan-gu Anyang-shi, Kyonggi-do, 431-080 | Address 20 Veids dans | | | | |
| KOREA | Address: 20, Yoido-dong, Youngdungpo-ku, | | | | |
| Additional name(s) of conveying party(ies) attached? □Yes ⊠No | Seoul, Korea | | | | |
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| □ Other Execution Date: January 1, 2001 | Additional name(s) and address(es) attached? □Yes ⊠No | | | | |
| 4. Application number(s) or patent number(s): | 110 | | | | |
| If this document is being filed together with a new application, th | e execution date of the application is: | | | | |
| A. Patent Application No.(s) | B. Patent No.(s) | | | | |
| 09/757,601 | B. Patent No.(s) | | | | |
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| 5. Name and address of party to whom correspondence concerning document should be mailed: | 6. Total applications and patents involved: 1 | | | | |
| | 7. Total fee (37 CFR 3.41): \$40.00 | | | | |
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| Song K. Jung | April 24, 2001 | | | | |
| Name of Person Signing | Signature Date | | | | |
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PATENT REEL: 011734 FRAME: 0391 Docket No.: 8733.382.00 Page 1 of 2

Assignment of Application

| WHEREAS, I (WE | E) Soo-Mahn KIM | | | | |
|---|--|-----------------------------|--|--|--|
| | | | | | |
| | | | | | |
| | | , respectively, | | | |
| have invented certain r | new and useful improvements i | n: | | | |
| Array Substrate for a Liquid Crystal Display Device and Method for Fabricating the Same | | | | | |
| for which an application for Letters Patent was executed on | | | | | |
| (Application No. WHEREAS, LC | , Fi G.Philips LCD Co., Ltd. | led January 11, 2001), and | | | |
| • | as "ASSIGNEE") having a pl gdungpo-ku, Seoul, KOREA | ace of business at: | | | |
| | | | | | |

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and Its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

| provisional application(s) listed b | | Officer States Code, § | 119(e) of any United States |
|---|--|--|---|
| (Application Number) | | (Filing Date) | |
| (Application Number) | | (Filing Date) | |
| We (I) hereby claim the §365(c) of any PCT Internationa the subject matter of each of the International application in the muthe duty to disclose information variable between the filing date of this application. | l application designation designation of this application anner provided by the which is material to pa | ng the United States, I on is not disclosed in first paragraph of 35 U tentability as defined i | the prior United States or PCT J.S.C. §112, I acknowledge n 37 CFR §1.56 which became |
| Application Serial No. | Filing Date | Status (pendin | g, patented, abandoned) |
| Kenneth D. Springer, Reg. No. 3 attorneys, with full powers of subbusiness in the Patent Office co regarding this application be sent 6 th Floor, 701 Pennsylvania Aven | 39,843; and Rebecca estitution and revocation meeted therewith; and to Song K. Jung of Long, N.W., Washington etements made herein eand belief are believed willful false statements etion 1001 of Title 18 of | A. Goldman, Reg. Non, to prosecute this apd we (I) hereby requeen Aldridge & Norman, D.C. 20004. Of our (my) own known to be true; and further and the like so made of the United States Co | plication and to transact all est that all correspondence an LLP, Attorneys At Law, wledge are true and that all that these statements were are punishable by fine or ode and that such willful false |
| Soo-Mahn KIM | | Residence: 1087-11 | Hogye-dong, Tongan-gu, |
| NAME OF FIRST SOLE INVENTOR | <u> </u> | Anyang-shi, Kyonggi | -do, 431-080, |
| | | Republic of Korea | |
| Sur - Mahn | | Citizen of: Republic | of Korea |
| Signature of Inventor | | Post Office Address: | Same As Above |
| Jan. 1. 20 | v <u>1</u> | | |
| Date | - | | |

PATENT REEL: 011734 FRAME: 0393 Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Long Aldridge & Norman LLP, Attorneys at Law, 6th Floor, 701 Pennsylvania Avenue, N.W., Washington, D.C. 20004 the power to insert on this assignment any further identification, including the application number and filing date, which 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.

Date: Jan. 1. 2001

RECORDED: 04/24/2001

Signature of Inventor)

See Make VIM

Long Aldridge & Norman LLP

Attorneys At Law 6th Floor, 701 Pennsylvania Avenue, N.W. Washington, D.C. 20004

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