

| Atty. Docket No.: | 3449-0219P | | | P |
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Page 1 of 1

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| To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. | | | | |
| 1. Name of conveying party(ies): | 2. Name and address of receiving party(ies) | | | |
| [FAMILY NAME (ALL CAPS), Given Name] | Name: LG PHILLIPS DISPLAYS KOREA CO., LTD. | | | |
| JUNG, Sung Han | Internal Address: | | | |
| Additional name(s) of conveying party(ies) attached? YES NO | Street Address: 184, Gongdan 1-dong, Gumi-si | | | |
| 3. Nature of conveyance: | City: Gyeongsangbuk-do State: | | | |
| ☐ Assignment ☐ Merger | ZIP: | | | |
| Security Agreement Change of Name | Country: KOREA Postal Code: | | | |
| Other: | Additional name(s) & address(es) attached? YES NO | | | |
| Execution Date: September 18, 2002 | 1 | | | |
| 4. Application number(s) or patent number(s): | 10/8653 85 | | | |
| If this document is being filed together with a new application, the | ne execution date of the application is: September 18, 2002 | | | |
| A. Patent Application No(s). | B. Patent No.(s). | | | |
| NEW | | | | |
| Additional numbers attac | hed? YES NO | | | |
| 5. Name and address of party to whom correspondence | 6. Total No. of applications/patents involved: One (1) | | | |
| concerning document should be mailed: | 7. Total fee (37 C.F.R. § 3.41): \$40.00 | | | |
| Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP | ⊠ Enclosed | | | |
| Street Address: P.O. BOX 747 | | | | |
| City: FALLS CHURCH State: VA ZIP: 22040-0747 | Authorized to be charged to deposit account, if no fee attached. | | | |
| Country: USA | 8. Deposit account number: <u>02-2448</u> | | | |
| | (Attach triplicate copy of this page if paying by deposit account) | | | |
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| 9. Statement and signature. | STILL STATE | | | |
| To the best of my knowledge and belief, the foregoing in copy of the original document. Joseph A. Kolasch, #22,463 Name of Person Signing/Reg. No. | October 8, 2002 Date | | | |
| Total number of pages including cover sheet, attachments, and document: Three (3) | | | | |

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(Rev 02/11/02)

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| ATTORNEY DOCKET NO. | |
|---------------------|--|
| 3449-0219P | |

ASSIGNMENT

| | Application No. New October 6. 20 |
|--|---|
| insert Name(s) of Inventor(s) | WHEREAS, Sung Han, JUNG |
| | |
| | |
| | |
| insert Title | (hercinafter designated as the undersigned) has (have) invented certain new and useful improvements in |
| | |
| | for which an application for Letters Patent of the United States of America has been executed by the undersigned |
| nsert Date of Signing of Application | September 18, 2002 ; and |
| nsert Name of Assigner | → WHEREAS, LG. Philips Displays Korea Co., Ltd. |
| insert Address of Assignee | → of184, Gongdan1-dong, Gurni-si, Gyeongsangbuk-do, Korea |
| CHECK BOX FAPPROPILATE | its helrs, successors, legal representatives and assigns (hereinafter designated as the Assignce) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and in any and all foreign countries. |
| , | NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10,00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; |
| | and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for |

PATENT REEL: 013371 FRAME: 0700 The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

| Date 18. 9. 20-2, | Name of Inventor | Sung Han, JUNG | July- |
|-------------------|------------------|----------------|-------------|
| Date, | Name of Inventor | | (signature) |
| | · | | (signature) |
| Date, | Name of Inventor | | |
| - | | | (signature) |
| Date, | Name of Inventor | | |
| | | | (signature) |
| Date | Name of Inventor | | • |
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| Date, | Name of Inventor | | |
| | | | (signature) |

PATENT REEL: 013371 FRAME: 0701