

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | | ASSIGNMENT |
| CONVEYING PARTY DATA | | |
| Name | | Execution Date |
| Ho-Han Ryu | | 08/03/2005 |
| RECEIVING PARTY DATA | | |
| Name: | SAMSUNG ELECTRONICS CO., LTD. | |
| Street Address: | 416, Maetan-dong, Yeongtong-gu, | |
| Internal Address: | Suwon-si | |
| City: | Gyeonggi-do | |
| State/Country: | KOREA, REPUBLIC OF | |
| PROPERTY NUMBERS Total: 1 | | |
| Property Type | Number | |
| Application Number: | 11153011 | |
| CORRESPONDENCE DATA | | |
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| NAME OF SUBMITTER: | Kieun Jenny Sung | |
| Total Attachments: 2 | | |
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| source=samsung991920#page2.tif | | |

CH \$40.00 11153011

ASSIGNMENT

WHEREAS, I, **RYU, Ho-Han**, residing at Hyundai I-Park Apt. 1-cha 109-801, Mangpo-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea, have invented certain new and useful improvements in

**BACKLIGHT ASSEMBLY HAVING IMPROVED HEAT RELEASING STRUCTURE
AND DISPLAY DEVICE HAVING THE SAME**

, a United States patent application filed

_____ Herewith, OR

X _____ On June 14, 2005 as U.S. Application Serial No. 11/153,011

AND WHEREAS **SAMSUNG ELECTRONICS CO., LTD.**, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration paid to me by said assignee, receipt whereof we hereby acknowledge, we do hereby assign, sell, transfer, and set over unto said assignee the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, renewals, and/or extensions thereof including all priority rights under the International Convention associated therewith for each country of the Union, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by me had this assignment not been made.

The Commissioner of Patents and Trademarks is requested to issue such Letters Patent in accordance herewith. I covenant that I am a lawful owner of the application, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the inventions or improvements on any of them, and that I have the full right to make this assignment.


Attorney docket No. 347269-991920

And for the consideration aforesaid, I agree, jointly and individually with any co-inventor(s), that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request, but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon my heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

EXECUTED RYU, Ho-Han Date: August 3, 2005
RYU, Ho-Han

IN WITNESS WHEREOF:

Witness #1

Witnessed:  Date: August 3, 2005
LEE, Eun-Joo (Printed Name)

Address: Teheran Bldg., 825-33, Yoksam-dong, Kangnam-ku, Seoul, Korea