

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

|  |  |
|--|--|
| SUBMISSION TYPE:   | NEW ASSIGNMENT                                       |
| NATURE OF CONVEYANCE:  | ASSIGNMENT   |
| CONVEYING PARTY DATA   |  |
| Name   | Execution Date                                       |
| LG Electronics Inc.  | 08/30/2010   |
| RECEIVING PARTY DATA   |  |
| Name:  | LG N-SYS Inc.  |
| Street Address:  | 5th Floor, LG Mapo Bldg., 275, Kongduk-dong, Mapo-gu |
| City:  | Seoul  |
| State/Country:   | REPUBLIC OF KOREA                                    |
| PROPERTY NUMBERS Total: 1  |  |
| Property Type  | Number   |
| Patent Number:   | 5247622  |
| CORRESPONDENCE DATA  |  |
| Fax Number:  | (703)518-5499  |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>         |  |
| Phone:   | 7035357340   |
| Email:   | yshgroup@ipfirm.com                                  |
| Correspondent Name:  | Yoon S. Ham  |
| Address Line 1:  | 1700 Diagonal Road                                   |
| Address Line 2:  | Lowe Hauptman Ham & Berner LLP                       |
| Address Line 4:  | Alexandria, VIRGINIA 22314                           |
| ATTORNEY DOCKET NUMBER:  | 122987-G0001   |
| NAME OF SUBMITTER:   | Yoon S. Ham  |
| Total Attachments: 2<br>source=assignt_5247622#page1.tif<br>source=assignt_5247622#page2.tif |  |

OP \$40.00 5247622

501296641

PATENT  
REEL: 025017 FRAME: 0233

## ASSIGNMENT

WHEREAS, **LG ELECTRONICS INC.**, a corporation of Republic of Korea, located and doing business at 20, Yeouido-dong, Yeongdeungpo-gu, Seoul, 150-721 Republic of Korea (hereinafter Assignor) owns U.S. Letters Patent No. **5,247,622**; and

WHEREAS, **LG N-SYS INC.**, a corporation of Republic of Korea, located and doing business at 5th Floor, LG Mapo Bldg., 275, Kongduk-Dong, Mapo-gu, Seoul, 121-721 Republic of Korea, (hereinafter Assignee), is desirous of acquiring the complete title and interest in said Letters Patent;

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor by these presents do sell, assign and transfers unto said Assignee, its successors, legal representatives, heirs and assigns the entire right, title and interest in the United States to said invention as described in Letter Patent **5,247,622**, and all re-issues, or extensions of said Letters Patent to be held and enjoyed by said Assignee for its own use, or for its legal representatives, successors, heirs, and assigns to the full end of the term for which said Letters Patent is granted, and any extensions thereof, as fully and entirely as the same would have been held by said Assignor had this assignment and sale not been made, and for the same consideration said Assignor hereby covenants and agrees that at the time of execution and delivery of this instrument it is the lawful owner of the complete right, title and interest in and to said invention and said Letters Patent above mentioned, and its interest is unencumbered and that it has good and full right and lawful authority to sell and convey its interest in the manner set forth herein; and for the same consideration Assignor hereby covenants and agrees that it will, when ever counsel for said Assignee, or counsel for their legal successors, legal representatives, heirs or assigns shall advise that any proceedings in connection with said Letters Patent or any re-issue or extension of said Letters Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, make all lawful oaths, and do all acts necessary as required to be done for the procurement, maintenance, enforcement and defense of said Letters Patent, without charge to said Assignor, its successors, legal representatives, heirs and assigns, but at the expense of said Assignee, their successors, legal representatives, heirs and assigns.

Assignor hereby further assigns to Assignee all claims and causes of action for infringement of the patent rights assigned herein, including the right to sue for, and collect damages for, any and all acts of past and future infringement.

Assignor hereby grants Lowe Hauptman Ham & Berner, LLP, 1700 Diagonal Rd, Suite 300,

Alexandria, VA 22314, 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 United States Patent and Trademark Office for recordation of this document.

**Assignor:**

**LG ELECTRONICS INC.**

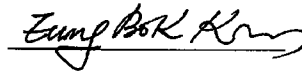
Date: Aug 30, 2010



Name: Saenggyu Jeon  
Title: Vice President

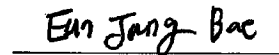
**Witnesses:**

(1) Date: Aug. 30, 2010



Typed Name: Eungbok Kim

(2) Date: Aug. 30, 2010



Typed Name: Eunjung Bae

Atty. Ref.: 122987-G0001