Form PTO-1595

04-16-2007



1EET

U.S. DEPARTMENT OF COMMERCE

| (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) | 155 | | |
|--|--|--|--|
| To the Honorable Commissioner of Patents and Trademarks | s: Please record the attached original documents or copy thereof | | |
| Name of conveying party(ies): Seung Bong CHOI, Sangheon YOON, Nungseo PARK Hung Myong CHO, Dae Yeong HAN, Byung Hwan AHI and Hyeokdeok KIM Additional name(s) of conveying party(ies) Yes X No | Name and address of receiving party(ies) Name: LG ELECTRONICS INC. Internal Address: Street Address: | | |
| 3. Nature of Conveyance: X Assignment | 20, Yoido-dong, Youngdungpo-gu City: Seoul Country: Republic of Korea Zip: Additional name(s) & Yes X No address(es) attached: | | |
| 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the A. Patent Application No.(s): 10/554,864 | B. Patent No.(s): APR - 5 2007 | | |
| Additional numbers atta | ched? Yes x No | | |
| Name and address of party to whom correspondence concerning document should be mailed: Name: Song K. Jung MCKENNA LONG & ALDRIDGE LLP Internal Address: Atty. Dkt.: 9988.258.00-US | 6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41) x Enclosed | | |
| Street Address: 1900 K Street, N.W. | Authorized to be charged to deposit account Authorized to be charged to credit card (Form 2038 enclosed) 8. Deposit account number: | | |
| City: State: Zip: Washington DC 20006 | 50-0911 (Attach duplicate copy of this page if paying by deposit account) | | |
| DO NOT US | E THIS SPACE | | |
| 9. Statement and signature. To the best of my knowledge and belief, the foregoing is a true copy of the original document. Mark R. Kresloff; Reg. No.: 42,766 Name of Person Signing | La Manga T (Rey, No. April 5, 2007 | | |
| Total number of pages including cover sheet, att | Signature / 46,522) Date achments, and documents: 3 | | |

DC:50470790.1

Docket No.: 9988.258.00

Assignment of Application

| WHEREAS, | I (WE) Seung Bong CHOI, Sangheon YOON, Nungseo PARK, | | | | | |
|---|--|----------------|-------------------|-----------------|-----------------|--|
| Hung Myong CHO, Dae Yeong HAN, Bung Hwan AHN, Hyeokdeok KIM | | | | | , respectively, | |
| have invented cert | ain new a | and useful im | provements in: | | | |
| | | DI: | SHWASHER | | | |
| for which an appli | cation for | r Letters Pate | nt was executed o | on | | |
| | | | | | | |
| (Application No. | 10/554, | 864 | , Filed | October 31, 200 |), and | |
| WHEREAS, | LG Ele | etronics Inc. | | | | |
| (hereinafter referre 20, Yoido-dong, Y | | | | | | |

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.

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 McKenna Long & Aldridge LLP, Attorneys at Law, 1900 K Street, N.W., Washington, D.C. 20006 the power to insert on this

Page I of 2

DC:50463247.1

PATENT REEL: 019185 FRAME: 0558 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: 2007. 4.5

McKenna Long & Aldridge LLP
Attorneys At Law

Hyeokdeok KIM

1900 K Street, N.W. Washington, D.C. 20006

Page 2 of 2

DC:\$0463247.1

PATENT REEL: 019185 FRAME: 0559

RECORDED: 04/05/2007