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| To the Honorable Commissioner of | 103498 | | ed original documents or copy thereof | |
| 1. Name of conveying party(ies): | 100498 | 598 | ss of receiving party(ies) | |
| OH, Hyen O, PANG, Hee Suk, KIM, Dong Soo, LIM, | | Name: LG ELE | ECTRONICS INC. | |
| Jae Hyun, JUNG, Yang Won; LEE, Chul So | O | Internal Address | | |
| Additional name(s) of conveying party(ies) attached? | s XNo | Street Address: 20, Yeouido-don | g, Yeongdeungpo-gu | |
| 3. Nature of Conveyance: | | | | |
| X Assignment Merger | | | | |
| Security Agreement Change | of Name | City: Seoul | | |
| Other | Other | | Country: Republic of Korea Zip: | |
| March 27, 2008, March 31, 2008 Execution Date: April 1, 2008 | | Additional name(address(es) attac | | |
| 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application March 27, 2008, March is: A. Patent Application No.(s): ; filed B. Patent No.(s): | | | | |
| Additional no | umbers attach | | 12/083465]NO | |
| Name and address of party to whom correspondence concerning document should be mailed: | | 6. Total number of patents involve | | |
| Name: Song K. Jung MCKENNA LONG & ALDRIDGE LLP | | 7. Total fee (37 C | FR 3.41) \$ | |
| Internal Address: Atty. Dkt.: 8736.244.00 | | X Enclosed | | |
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| 1900 K STREET, N.W. | | Authorize | ed to be charged to credit card enclosed) | |
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| Mark R. Kresloff, 42,766 Name of Person Signing, Reg. No. | | Signature 19 | 2√.43, ⟨1 ← April 11, 2008 Date | |
| Total number of pages including cover sheet, attachments, and documents: 3 | | | | |

DC:50541731.1

PATENT REEL: 020854 FRAME: 0654

19/083465

AP17 Record CVP 10 11 APR 2008 Assignment of Application

| WHEREAS, I (WE) | Hyen O OH, Hyo Jin KIM, D JUNG, Jae Hyun LIM | |
|-----------------------------|---|-----------------|
| | <u> </u> | , respectively, |
| have invented certain new | and useful improvements in: | |
| METHOD AN | D APPARATUS FOR PROCESSING | G A SIGNAL |
| for which an application fo | r Letters Patent was executed on | |
| (Application No. | , Filed |), and |
| WHEREAS, | LG Electronics Inc. | |
| | ferred to as "ASSIGNEE") having a place of buildo-dong, Yeongdeungpo-gu, Seoul, Korea 150 | |

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 forcign 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 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: Mon 31. 2008 | (Signature of Inventor) |
|---------------------|--|
| Date: Mar, 27, 2008 | Hyen O OH |
| | (Signature of Inventor) Hyo Jin KIM |
| Date: Mar, 27, 2008 | Tess |
| | (Signature of Inventor) Dong Soo KIM |
| Date: Arv1, 23 | (Signature of Inventor) Yang Won JUNG |

RECORDED: 04/11/2008

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PATENT REEL: 020854 FRAME: 0655