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|--|--|--|-----------------------------|
| Name of conveying parties Keiichi MINAMIDE Jong-Seong LEE Yusuru MASUDA | S : | | |
| Name and Address of reconstant SAMSUNG ELECTRON 416, Maetan-dong, Yeor Suwon-si, Gyeonggi-do Republic of Korea | NICS CO., LTD. ngtong-gu, | | |
| Nature of conveyance: X Assignment Security Agreeme Other: Execution Dates: April 21 | | of Name | |
| Application number(s) or p | patent number(s): g filed together with a new applic | cation. | |
| OR This document is being (a) Patent Application (b) Patent No(s)., iss | | on: | |
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PATENT

REEL: 020923 FRAME: 0103

Our Docket No. 1779.1395

U.S. ASSIGNMENT

SE11 1 00

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742 Republic of Korea

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention)

| and/or for which application for Letters Patent of the United executed, was: |
|---|
| (Insert date of execution of application, if not concurrent) |
| Any registered attorney of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is |
| hereby authorized to insert in (b) the specified data, whon known. |
| and States around an acid analisation and any continuation division renow |
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and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

| IN WITNESS WHEREOF, the undersigned invo (Typed Name & Signature of Inventor(s)) | entor(s) has (have) affixed his/her/ (Date) | heir signature(s). (Typed Name & Signature of Witness(cs)) | |
|---|--|---|--|
| , Keiichi MINAMIDE | April 21, 2008 | | |
| Keiichi MINAMIDE 2) Jong-Seong Lee Jong-Seong Lee | Apr: 121,2008 | | |
| Jong Seong LEE 3) YUSUM MASUDA YUSUM MASUDA | APK121,2008 | | |
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