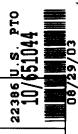
09-11-2003



U.S. DEPARTMENT OF COMMERCE



RECC 102546761 PATENTS ONLY 2001 Staas & Halsey LLP To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name of conveying party(ies): Jae-sung LEE 8.29.00 2. Name and Address of receiving party(ies): SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Paldal-gu Suwon City, Kyungki-do Republic of Korea 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other: Execution Date(s): August 28, 2003 4. Application number(s) or patent number(s): This document is being filed together with a new application: (a) The execution date(s) of the application is/are: August 28, 2003 (b) The title is:METHOD OF REPRODUCING DATA AND CONTROL DEVICE USING CONTROLLABLE DUMMY READ GATE ☐ This document is being filed after filing of the application: (a) Patent Application No(s). \_\_/\_\_\_, filed \_ (b) Patent No(s). , issued 5. Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1293.1934 Attention: Michael D. Stein 1201 New York Ave., N.W., Suite 700 Washington, D.C. 20005 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Assignment) **Enclosed** Authorized to be charged to deposit account. 8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account) 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. 09/11/2003 GTON11 00000045 193935 10651044 01 FC:8021 40.00 DA Michael D. Stein, Reg. No. 37,240

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## **U.S. ASSIGNMENT**

IN CONSIDERATION of the sum of the Dollar (\$1.00 undersigned inventoris) (hereinafter, "ASSIGNOR") by (Invert Manach) & Address(cs) of ASSIGNEG(9))	عمد ), and of other good and valuable consideration paid to the
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thereinafter. "ASSIGNEE", the receipt of which is hereby acknowledged, the underligned ASSIGNOR hereby sells, assigns and trunsfors to ASSICNEE the entire and exclusive right, title and interest to the invention emutical (Title of Invention)	
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relating to International Patent Application PCT/ / executed on even date herewith or, if not so executed, was:	and/or for which application for Letters Patent of the United States was
(a) executed on 28 AURUST 2003	(Intern date of execution of application, if not voicurrent)
(b) filest on	Any registered atterney of STAAS & NALSEY LIP, 700 Eleventh Street, N.W., Washington, D.C. 20001 (202434-1500) is hereby authorized to insert in (b) the specified data, when known.
und to unid application and all Lottors Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or resemination 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, hersinafter. "said application(s) and Letters Potent(s)").  The ASSIONOR age ca(s), when requested by said ASSIONOR and without charge to but at the expense of said ASSIONER, to do all acts which the ASSIONER may deem necessary, desirable or expedient, for securing, maintaining and embruing protection for said invention, including in the preparation and prosecution of said application(s) and the issuence of said Letters Potent(s), in any interference, reissue, resemmination, or public use presenting, and in any litigation or other legal proceeding which may arise or be declared in relation to sume, such sets to include but not be limited to exceeding all papers, including separate ensignments and declarations, taking all rightful ouths, providing swarn testimony, and obtaining and producing evidence.	
IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/nor/their signature(s).  (Typed Name & Signature of Inventor(s))  (Data) (Typed Name & Signature of Witness(cs))	
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