08-15-2006 FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE 103291233 2005 Staas & Halsey LLP To the Director of the U.S. Patent and Tracomers Office. Please record the attached document. Name of conveying parties: (1) Jin-Man CHUNG (2) Beom-Ku HAN (3) Chang-Hwan HWANG 2. Name and Address of receiving party: SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-Dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742 Republic of Korea 3. Nature of conveyance: Assignment Merger _X_ Security Agreement Change of Name Other: Execution Dates: (1) July 21, 2006, (2) July 24, 2006, and (3) July 20, 2006 4. Application number(s) or patent number(s): ☐ This document is being filed together with a new application. OR ☐ This document is being filed after filing of the application: (a) Patent Application No(s)., filed; or (b) Patent No(s)., issued. 5. Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1860.1194 Attention: William F. Herbert 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 Patent or Application in Assignment) Authorized to be charged to deposit account. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) 8. (Attach duplicate copy of this page if paying by deposit account)

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Name of Person Signing

William F. Herbert, Reg. No. 31,024

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PATENT REEL: 018174 FRAME: 0101

August 9, 2006

Date

Total number of pages including cover sheet: 2

U.S. ASSIGNMENT

OOM FEBRUARS

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

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)	
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(a) executed on;	(Insert date of execution of application, if not concurrent)
(b) filed on, Serial No;	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, when known.
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declared in relation to same, such acts to include but no declarations, taking all rightful oaths, providing sworn to IN WITNESS WHEREOF, the undersigned inventor	
(Typed Name & Signature of Inventor(s))	(Date) (Typed Name & Signature of Witness(es))
1) Jin-Man CHUNG	JULY 21. 2006
2) B.K. HAN Beom-Ku HAN	July 24,2006
3) C. A. Aloang Chang-Hwan HWANG	July 20, 2006
4)	
5)	
6)	

PATENT REEL: 018174 FRAME: 0102

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