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Name of Person Signing

11/905369 09/28/2007 10-11-2007 FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE **RECO** m2005 Staas & Halsey LLP 103451847 To the Director of the U.S. Patent and Trademark Name of conveying party(ies): 1) Doo-hyun KIM 9.24.07 2) Hyun-Sang PARK 3) Si-hwa LEE 4) Do-hyung KIM Name and Address of receiving party(ies): SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742 Republic of Korea Nature of conveyance: **Assignment** X Merger Security Agreement Change of Name Other: Execution Date(s): September 4, 2007 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: Patent Application No(s)., filed; or (a) (b) Patent No(s)., issued. Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1901.1219 Attention: Gene M. Garner, II 1201 New York Ave., N.W., Suite 700 Washington, D.C. 20005 Total number of applications and patents involved: __1 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) (Attach duplicate copy of this page if paying by deposit-account) Gene M. Garner, II, Reg. No. 34,172 September 28, 2007

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BASS LOS

IN CONSIDERATION of the sum of One Di Inventor(s) (hereinsiter, "ASSIGNOR") by	60ar (\$1	.00), and of other good and valuable consideration paid to the undersigned
(Insert Name (s) & Address(es) of ASSIGNEE(S))		
SAMSUNG ELECTRONICS CO., LTC 416. Maetan-Dong, Yeongtong-gu, Suwon-al, Gyeonggi-do Republic of Korea).	· · · · · · · · · · · · · · · · · · ·
(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the online and exclusive right, title and interest to the invention entitled (Title of Invention)		
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relating to International Patant Application POT/JP and/or for which application for Letters Patent of the United States was executed on even data herewith or, if not so executed, was:		
(a) executed on :		(Inself date of execution of application, if not concurrent)
(h) filed on .		Any registered attorney of STAAS & HALSEY ILP, 1201 New York Avenue, N.W., Suite 700 Washington, D.O. 20005 (202/434-1500) is
Serial No. :		hereby authorized to insert in (b) the specified data, when known.
and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, release or reexamination application based thorson, for the full form or terms for which the said Latters Patent(s) may be granted and including any extensions thereof (collectively, heroinafter, 'said application(s) and Letters Patent(s)'). The ASSIGNOR agree(s), when requested by said ASSIGNER and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, destrable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuence of said Letters Patent(s), in any interference, relieve, research, or public use proceeding, and in any titigation or other legal proceeding which may arise or be declared in reliation to same, such acts to include but not be limited to executing all papers, including experted assignments and declarations, taking all rightful cathe, providing evern testimony, and obtaining and producing evidence.		
(N WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/hei/their signature(s). (Typed Name & Signature of Inventor(s)) (Date) (Typed Name & Signature of Witness(ss))		
1) Doo-hyun kim	<u>4/5</u> 6	eptember/2007
2) Hunsong Park Hyun-Bang FARK	4/5	eptember/2007
3) Military Si-hwa LEE	4/s	eptember/2007
4) Do-byeng kini	4/5	eptember/2007

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