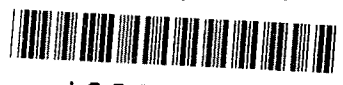


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1. Name of conveying parties:  
1) Sung Dae PARK  
2) Hyun Sang PARK  
3) Young Su MOON  
4) Shi Hwa LEE  
5) Soo Jung RYU
2. Name and Address of receiving party:  
SAMSUNG ELECTRONICS CO., LTD.  
416, Maetan-dong, Yeongtong-gu,  
Suwon-si Gyeonggi-do 443-742 Republic of Korea
3. Nature of conveyance:  
☒ Assignment                      ☐ Merger  
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☐ Other: \_\_\_\_\_  
Execution Date: July 7, 2011
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). To be Assigned, filed July 8, 2011; or  
(b) Patent No(s). , issued . 13067949
5. Name and address of party to whom correspondence concerning document should be mailed:  
STAAS & HALSEY LLP                      Our Docket: 1911.1423  
Attention: John C. Garvey  
1201 New York Ave., N.W., 7th Floor  
Washington, D.C. 20005
6. Total number of applications and patents involved: 1
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John C. Garvey, Reg. No. 28,607  
Name of Person Signing

Signature

July 8, 2011  
Date

Total number of pages including cover sheet: 2

( 07/11/2011 LNGUYEN1 00000000 13067949  
04 FC:8021 40.00 OP )

## U.S. ASSIGNMENT

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 in the invention entitled  
(Title of Invention):

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relating to International Patent Application PCT/KR / and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on :

(Insert date of execution of application, if not concurrent)

(b) filed on , To be Assigned




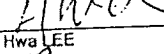

Serial No. To be Assigned;

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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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 inventor(s) has (have) affixed his/her/their signature(s).  
(Typed Name & Signature of Inventor(s)) (Date) (Typed Name & Signature of Witness(es))

1) 	2011. 7. 7	
Sung Bae PARK		
2) 	2011. 7. 7	
Hyun Sang PARK		
3) 	2011. 7. 7	
Young Su MOON		
4) 	2011. 7. 7	
Shi Hwa LEE		
5) 	2011. 7. 7	
Soe Jung RYU		
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