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Name of conveying parties:

- 1) Hwi Chan JANG
- 2) Dong Won KIM
- 3) Hyun Soo JUNG
- 4) Seung II HAN
- 5) Jun Hwa LEE
- 2. Name and Address of receiving party:

SAMSUNG ELECTRONICS CO., LTD. 129. Samsung-ro, Yeongtong-gu.

\ •		Suwon-si, Gyeonggi-do 443-742 Republic of Korea				
22-14	3.	Nature of conveyance: X	Merger Change of N	ame		
Ö,	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). 13/590,720, filed August 21, 2012; or (b) Patent No(s)., issued				
	5.	Name and address of party to whom corre STAAS & HALSEY LLP Attention: <u>Gregory W. Harper</u> 1201 New York Ave., N.W., 7th Floor Washington, D.C. 20005	spondence concerr Our Docket:			
	6.	Total number of applications and patents i	nvolved: 1			
•	7.	Total fee (37 CFR 3.41)(\$ 40 ⊠ Enclosed □ Authorized to be charged to credit □ Authorized to be charged to depos	card.	oplication in Assignment)		
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PATENT REEL: 028932 FRAME: 0185

U.S. ASSIGNMENT

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

SAMSUNG ELECTRONICS CO., LTD. 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742 Republic of Korea

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(hereinafter, "ASSIGNEE"), the receipt of which is f transfers to ASSIGNEE the entire and exclusive rig (Title of Invention)	nereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and ht, title and interest to the invention entitled
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relating to International Patent Application PCT/JP_States was executed on even date herewith or, if no	/ and/or for which application for Letters Patent of the United ot so executed, was:
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IN WITNESS WHEREOF, the undersigned inver (Typed Name & Signature of Inventor(s))	ntor(s) has (have) affixed his/her/their signature(s). (Date) (Typed Name & Signature of Witness(es))
1) Hwi Chur JANG HWI Chan JANG	08.17.20/2
2) Dong Won KIM	<u>08.17.2012</u>
3) HYUN S∞ JUNG Hyun Soo JUNG	08.17.2012
4) Soung il HAN Seung II HAN	08.17.2012
5) Jun Hwa LEE	a8.11.20/2

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