MAY 03 2017	O5/08/2012 Second Pto-1595 U.S. DEPARTMENT OF COMMERCE 103644161 To the Director of the U.S. Patent a.
1.	Name of conveying party:
	Chang-Hwan KIM
2.	Name and Address of receiving party:
3.	SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742 Republic of Korea Nature of conveyance: X Assignment Merger Security Agreement Change of Name Other:
<u></u>	Execution Dates: April 24, 2012
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). 29/419,815 filed May 2, 2012; 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: 1779.1754 Attention: Sang Chul Kwon 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) Enclosed Authorized to be charged to deposit account.

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Sang Chul Kwon, Registration No. 63,153 Name of Person Signing

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PATENT REEL: 028206 FRAME: 0474

May 3, 2012

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Total number of pages including cover sheet: 2

Our Docket No.: 1779.1754

U.S. ASSIGNMENT

S&H 1/00

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 to the invention entitled (Title of Invention)

(Title of Invention)					
MOBILE COMMUNICATION TERMIN	AL				
relating to International Patent Application PCT/KR_ States was executed on even date herewith or, if not		hich application fo	or Letters Patent	of the United	
(a) executed on ;	(Insert date of execution of application, if not concurrent)				
(b) filed on ,	Any registered attorney or agent of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005				
Serial No. Not Yet Assigned;		(202/434-1500) is hereby authorized to insert in (b) the specified			
and to said application and all Letters Patent(s) of the substitute, reissue or reexamination application base granted and including any extensions thereof (collect	d thereon, for the full term or	terms for which th	e said Letters P		
The ASSIGNOR agree(s), when requested to do all acts which the ASSIGNEE may deem necess said invention, including in the preparation and prose interference, reissue, reexamination, or public use prodectared in relation to same, such acts to include but declarations, taking all rightful oaths, providing sworm IN WITNESS WHEREOF, the undersigned inventions.	ary, desirable or expedient, fo cution of said application(s) a occeding, and in any litigation not be limited to executing all testimony, and obtaining and	or securing, maintained the issuance of or other legal pro- lipapers, including a producing of producing evider	aining and enfor of said Letters Proceeding which g separate assig nce.	cing protection for atent(s), in any may arise or be	
(Typed Name & Signature of Inventor(s))	(Date)	(Typed Nam	ne & Signature o	f Witness(es))	
1) Charg Hwan Kim Chang-Hwan KIM	April 24,2012				
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PATENT REEL: 028206 FRAME: 0475

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