T. 41-						TION FORM COVER SHEET PATENTS ONLY				U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. SAM-324			
Pleas	e Directo e record	or of the a	he U.S. F ttached	Patent and original d	l Tradema ocuments	rk Office: or copy there	of.	Ma		top Assignment Re		vices	
1.	Name 1. Ji-	of co Yong	onveying Park	party(ies):								
	3. Ch 4. Sa 5. Kw	ul-Wo ng-Gu /ang-J	ok Lee o Kim oi Jo in Bae lwan Kim				Name;	Name;		Samsung Electronics Co., Ltd.			
Additi					attached?	☐ Yes ⊠ No	Internal A	ddress	 		, , , , , , , , , , , , , , , , , , ,		
3.	Nature of conveyance:						Street Add	Street Address: 416, Ma		416, Maetan-dong, \	laetan-dong, Yeongtong-gu		
M	Assignment				Merger		City:	City: Suwon-si		n-si	- The state of the		
	Security	rity Agreement			Change	of Name	State: Gye	State: Gyeonggi-do		Country: South	Zip Code:	1	
	Joint Res Agreeme)		Governr Assignm	nent Interest ent	Additional	Additional name(s) & Address(es) attached?					
	Executive Confirma				Other:		_	☐ Yes ☐ No			z u r		
	Execution January 26, 2011 Date(s):												
4.	Applic date of	ation the a	number pplication	(s) or pate	nt numbe	(s): If this docu	ment is being	filed to	getl	her with a new applic	cation, the exec	cution	
A. Patent Application Number: 13/028,836							B. P	B. Patent Number(s):					
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				Addit	ional numi	ers attached?	Yes		Σ	₫ No	(Augusti)		
i. Name and address of party to whom cor concerning document should be mailed:						respondence	6. Total number of applications and patents involved: 1						
Name:	e: Patrick D. M		(fax): 703-757-7447				7. To	7. Total fee (37 CFR 1.21(h) and 3.41): \$40					
	(e-mail); mailroom@r				onsulting.com		 Enclosed (Please charge deficiency or credit overpayment to deposit account 50-4574) 						
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ASSIGNMENT

We, <u>Ji-Yong Park, Hee-Seok Lee, Chul-Woo Kim, Sang-Gul Jo, Kwang-Jin Bae, and Seung-Hwan Kim,</u> ("Assignors"), have an interest in the invention entitled:

ELECTRONIC DEVIC	E HAVING INTERCONNECTIONS AND PADS
which is the subject of a United States undersigned inventors	or International application for patent entitled above and naming the
[] in a Provisional Patent Application of the Non-Provisional Application of the Non-Provisional Application of the Non-Provisional Application of PCT Internation of the No.	on along with a Declaration signed today with this assignment; on where the Declaration was signed on, and assigned Serial No.
Samsung Electronics Co. LTD., of Korea, ("Assignee"), is desirous of acq	416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic puring Assignor's interest in the invention.
interest to any and all inventions, deve application listed above ("the invention"), the right to claim priority under the laws of for the full term of the patent, includin Assignment not been made. This Ass infringements of, or liabilities for, any of the	
all foreign countries including, but not lin divisional, renewal or substitute, reissue cooperate with Assignee in any litigatio invention, and render all necessary assists the invention hereby transferred without in the undersigned agree that the attorneys	cooperate with Assignee and execute all instruments or documents of any applications of any type for patent in the United States and in nited to the following: provisional, continuation, continuation-in-part, re-examination, or extension. Assignors covenant and agree to on regarding the invention, patents or applications regarding the ance deemed essential to Assignee's full protection and title in and to urther or other compensation than that provided in this Assignment; of record in said application shall hereafter act on behalf of said
Assignors covenant that no assignment into which would conflict with this Assignment	ient dela ar agranament
Assignors request the Commissione United States of America to Assignee and United States, whose duty it is to issue or gratent, Utility Model Registration or Inventor	er of Patents and Trademarks to issue said Letters Patent of the difference that any official of any country or countries foreign to the grant patents and applications, issue said Letters or's Certificate to Assignee.
Assignors hereby grant the firm of assignment any further identification that a any issuing authority, including the Unitedocument.	MUIR PATENT CONSULTING, PLLC the power to insert on this may be necessary or desirable in order to comply with the rules of ed States Patent and Trademark Office, for recordation of this
Assignor 1: Ji-Yong Park	Date 2011 1. 26.
	(Assignment) 1 of 2
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Assignor 5: Kwang-Jin Bae 2011 1 26

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