PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEW ASSIGNMENT						
NATURE OF CONVEYANCE:			ASSIGNMENT					
CONVEYING PARTY DATA								
		N	ame	Execution Date				
Jae-Hyuk CHANG				07/06/2009				
Cheol-Woo PARK	07/06/2009							
RECEIVING PARTY DATA								
Name:	SAMSUNG E	LECT	RONICS CO., LTD.					
Street Address:	416, MAETAI	N-DON	G, YEONGTONG-GU					
Internal Address:	SUWON-SI							
City:	GYEONGGI-DO							
State/Country:	REPUBLIC OF KOREA							
PROPERTY NUMBERS Total: 1 Property Type			Number		2574600			
Application Number: 12574		600						
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NAME OF SUBMITTER:			Kieun "Jenny" Sung					
Total Attachments: 1 source=pank03324us_assn#page1.tif								

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

CHANG, Jae-Hyuk	of	306-702, Hansolmaeul Hanil apt., Jeongja- dong, Bundang-gu, Seongnam-si, Gyeonggi- do, Korea
PARK, Cheol-Woo	of	102-601 Hanguk 1-cha Apt., Maetan 2-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea

hereby sell, assign and transfer to SAMSUNG ELECTRONICS CO., LTD., a corporation, having a place of business at 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea, its successors and assigns, the entire right, title and interest throughout the world in our invention in

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for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this	6th	day of	July	, 2009.	,		
					Chang	, Jackyule.	
							-

CHANG, Jae-Hyuk

Executed this ^{6th} day of ^{July}, 2009.

, CHEOLWOO

PARK, Cheol-Woo

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PATENT REEL: 023334 FRAME: 0688

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