PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY	DATA				
N			lame	Execution Date	
Du-Yeong CHOI				07/16/2012	
RECEIVING PARTY	DATA				
Name:	SAMSUNG ELECTRONICS CO., LTD.				
Street Address:	129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742				
City:	Suwon-si				
State/Country:	KOREA, REPUBLIC OF				
PROPERTY NUMBERS Total: 1 Property Type Number					
Application Number: 2942		29427	619		
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ATTORNEY DOCKET NUMBER:		D91098.0466			
NAME OF SUBMITTER:					
NAME OF SUBMITTE			Charles Y. Park		

ASSIGNMENT

For valuable consideration, I,

Du-Yeong CHOI

#302, Injae Building, 1001 Hogye-1Dong, Dongan-Gu, Anyang-Si, Gyeonggi-Do, Republic of Korea

hereby assign to:

SAMSUNG ELECTRONICS CO., LTD., a Republic of Korea

corporation/institute/institution having principal executive office(s) or place of business

at: 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742, Republic of

Korea; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of U.S. 29/427,619 07/20/2012 Patent Application Number filed at the U.S. Patent & Trademark Office signed by me, with title Keyboard, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and application serial number of said application when known; this Assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in our/my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for myself and my heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, preliminary statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

IN TESTIMONY/WITNESS WHEREOF, I, undersigned inventor (Assignor) intending to be legally bound, has hereto affixed my signature.

This _______ day of ______, 2012

CHOI D.Y.

Signature: Du-Yeong CHOI

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PATENT REEL: 028597 FRAME: 0647

RÉCORDED: 07/20/2012