

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jong-Bo JUNG</td> <td>07/05/2012</td> </tr> <tr> <td>Sung-Hoon HONG</td> <td>07/05/2012</td> </tr> <tr> <td>Min-Hyok LEE</td> <td>07/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jong-Bo JUNG	07/05/2012	Sung-Hoon HONG	07/05/2012	Min-Hyok LEE	07/05/2012
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Jong-Bo JUNG	07/05/2012								
Sung-Hoon HONG	07/05/2012								
Min-Hyok LEE	07/05/2012								
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									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>29426496</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	29426496				
Property Type	Number								
Application Number:	29426496								
CORRESPONDENCE DATA									
Fax Number:	2023153758								
Phone:	202-429-0020								
Email:	info@nsiplaw.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	NSIP LAW								
Address Line 1:	P.O. Box 34688								
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20043								
ATTORNEY DOCKET NUMBER:	D91096.0051								
NAME OF SUBMITTER:	Charles Y. Park								
Total Attachments: 2 source=NewDesApp_D910960051_AssignmentasFiled#page1.tif source=NewDesApp_D910960051_AssignmentasFiled#page2.tif									

OP \$40.00 29426496

07/20/12

ASSIGNMENT

For valuable consideration, WE,

Jong-Bo JUNG #101-2407, Haneilcinus ville, Sangbong-dong,
Jungnang-gu, Seoul, Republic of Korea
Sung-Hoon HONG #104-1304, Samsung Gwangnaru Apt., Amsa-dong
508, Gangdong-gu, Seoul, Republic of Korea
Min-Hyok LEE #1-1304, Hyundai Apt. Sadang-dong 169-32,
Dongjak-gu, Seoul, 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. Patent Application Number 29/426,496 filed 07/06/2012 at the U.S. Patent & Trademark Office signed by us, with title Electronic Device, and we 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 we authorize the Assignee to apply in all countries in our names 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 we agree for ourselves and our respective 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, we, undersigned inventors (Assignors) intending to be legally bound, have hereto affixed our signatures.

This __5th__ day of __July__, 2012

정종보

Signature: Jong-Bo JUNG

This __5th__ day of __July__, 2012

홍성훈

Signature: Sung-Hoon HONG

This __5th__ day of __July__, 2012

이민혁

Signature: Min-Hyouk LEE