

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>Yun-Su KIM</td> <td>08/19/2013</td> </tr> <tr> <td>Jung-Hoon KIM</td> <td>08/19/2013</td> </tr> <tr> <td>Jong-Kee LEE</td> <td>08/20/2013</td> </tr> <tr> <td>Ja-Youn LEE</td> <td>08/20/2013</td> </tr> <tr> <td>Hyo-Jin NAM</td> <td>08/19/2013</td> </tr> </tbody> </table>		Name	Execution Date	Yun-Su KIM	08/19/2013	Jung-Hoon KIM	08/19/2013	Jong-Kee LEE	08/20/2013	Ja-Youn LEE	08/20/2013	Hyo-Jin NAM	08/19/2013
Name	Execution Date												
Yun-Su KIM	08/19/2013												
Jung-Hoon KIM	08/19/2013												
Jong-Kee LEE	08/20/2013												
Ja-Youn LEE	08/20/2013												
Hyo-Jin NAM	08/19/2013												
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>29464736</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	29464736								
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Application Number:	29464736												
CORRESPONDENCE DATA													
Fax Number:	2023153758												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Correspondent Name:	NSIP LAW												
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Address Line 4:	Washington, DISTRICT OF COLUMBIA 20035												
ATTORNEY DOCKET NUMBER:	D91098.0960												
NAME OF SUBMITTER:	Charles Y. Park												
Signature:	/Charles Y. Park/												

Date:

08/20/2013

Total Attachments: 3

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COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)**DECLARATION**

As a below-named inventor, I hereby declare that this declaration is directed to the application attached hereto, or to United States Application Number or PCT International Application Number _____ filed on _____ (if applicable), entitled:

REMOTE CONTROLLER

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information that became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

ASSIGNMENT

For valuable consideration, I, as a below-named assignor, hereby assign to:

Samsung Electronics Co., Ltd.
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 that are the subject of the application identified in the above declaration, which is United States Application Number or PCT International Application Number _____ 29/464,736 _____ filed on _____ August 20, 2013 _____.


I authorize and request the attorneys appointed in the above-identified application to hereafter complete this Assignment by inserting above the application number and the filing date of the above-identified application when known, and to correct any typographical errors that may be discovered in this Assignment.

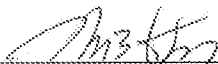
This Assignment includes the above-identified application, any and all United States and foreign patents, utility models, and design registrations granted for any of the inventions and improvements that are the subject of the above-identified application, and the right to claim priority based on the filing date of the above-identified 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 my name or in its own name for patents, utility models, design registrations, like rights of exclusion, and inventors' certificates for any of the inventions and improvements that are the subject of the above-identified application; and I agree for myself and my heirs, legal representatives, and assigns without further

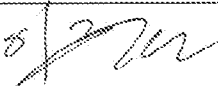
COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

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.

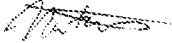
In witness whereof, I, as a below-named inventor and assignor, intending to be legally bound, have hereunto affixed my signature on the date indicated below next to my signature.

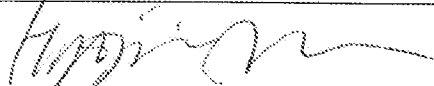
Inventor's Legal Name	Yun-Su KIM		
Inventor's Signature		Date	19.08.2013
Residence (City, Country)	Seoul, Republic of Korea		
Mailing Address	#202, 309-26 Jamsil-Dong, Songpa-Gu, Seoul, Republic of Korea		

Inventor's Legal Name	Jung-Hoon KIM		
Inventor's Signature		Date	19.8.2013
Residence (City, Country)	Seoul, Republic of Korea		
Mailing Address	#2-705 Woosung APT, Jamsil7-Dong, Songpa-Gu, Seoul, Republic of Korea		

Inventor's Legal Name	Jong-Kee LEE		
Inventor's Signature		Date	August 20, 2013
Residence (City, Country)	Seoul, Republic of Korea		
Mailing Address	#105-2002, Raemiangreaten, Dogok-Dong, Gangnam-Gu, Seoul, Republic of Korea		

COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

Inventor's Legal Name	Ja-Youn LEE		
Inventor's Signature		Date	August. 20. 2013
Residence (City, Country)	Seoul, Republic of Korea		
Mailing Address	#608-809, Eunpyungnewtown Sanglimmaeul, Jingwan -Dong, Eunpyung-Gu, Seoul, Republic of Korea		

Inventor's Legal Name	Hyo-Jin NAM		
Inventor's Signature		Date	19. 8. 2013
Residence (City, Country)	Sunnam-Si, Republic of Korea		
Mailing Address	#403-708, Hansolmaeul jugog4danji APT., Jungja-Dong, Bundang-Gu, Sunnam-Si, Gyeonggi-Do, Republic of Korea		