#### 502561370 11/07/2013

### PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2607102

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
HYUNG-HO HWANGBO	10/31/2013
: CHRISTOPHER EDWARD BANGLE	10/30/2013
RINA SHIN	10/29/2013
HAE-SUNG PARK	10/29/2013
DO-SUNG JUNG	10/31/2013
NAM-HYUN PARK	10/31/2013

### **RECEIVING PARTY DATA**

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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	29471999

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	D91098.0991	
NAME OF SUBMITTER:	CHARLES Y. PARK	
	PATENT	

REEL: 031562 FRAME: 0902

**PATENT** 

Signature:	/Charles Y. Park/
Date:	11/07/2013
Total Attachments: 7 source=NewDesApp_D910980991_CDA_A: source=NewDesApp_D910980991_CDA_A: source=NewDesApp_D910980991_CDA_A: source=NewDesApp_D910980991_CDA_A: source=NewDesApp_D910980991_CDA_A: source=NewDesApp_D910980991_CDA_A: source=NewDesApp_D910980991_CDA_A: source=NewDesApp_D910980991_CDA_A:	sFiled#page2.tif sFiled#page3.tif sFiled#page4.tif sFiled#page5.tif sFiled#page5.tif

PATENT REEL: 031562 FRAME: 0903

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

## DECLARATION

	23 4.3 4.5	25. 20. 21. 21. 21. 21. 21. 21. 21. 21. 21. 21	
As a below-named invent	or, I hereby declare the	t this declarat	ion is directed to the application attached
hereto, or to United States	Application Number	or PCT Intern	ational Application Number
	filed on		(if applicable), entitled:
		CONTROL	
The above-identified appl	ication was made or at	thorized to be	made by me.
I believe I am the original identified application.	linventor or an origina	l joint invento	r of a claimed invention in the above-
I hereby acknowledge tha USC 1001 by fine or imp			this declaration is punishable under 18 years, or both.
I have reviewed and unde	rstand the contents of t	he above-iden	tified application, including the claims.
known to me to be material applications, material info	al to patentability as de ormation that became a	fined in 37 C vailable betwo	and Trademark Office all information FR 1.56, including for continuation-in-part een the filing date of the prior application action-in-part application.
	ASS	IGNMENT	
For valuable consideration	n, I, as a below-named	assignor, here	eby assign to:
Samsung Electron 129, Samsung-ro, Suwon-si, Gyeong Republic of Kores	Yeongtong-gu ggi-do, 443-742		·
and its successors and ass	igns (collectively here	inafter called	"the Assignce"), the entire right, title, and
interest throughout the we	orld in the inventions a	nd improveme	ents that are the subject of the application
identified in the above de	claration, which is Uni	ted States App	olication Number or PCT International
Application Number	29/471,999	filed on	November 7, 2013
			fentified application to hereafter complete

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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 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	Hyung-Ho HWANGBO		
Inventor's Signature	Through.	Date	OOT- 31, 2013
Residence (City, Country)	Secul, Republic of Kores		
Mailing Address	#103-704 Dogokicha l-PARK APT., Dogoki-Dong, Gangnam-Gu, Seoul, Republic of Korea		

# 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 of 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 Assignce"), 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 29/471,999 filed on November 7, 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					

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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 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	Christopher Edward BANGLE
Inventor's Signature	11/1 Date 30.10.2013
Residence (City, Country)	Ciavesana, ITALY
Mailing Address	Borgata Gorrea 3 Clavesana, CN 12060, ITALY

# 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 Korca
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 29/471,999 filed on November 7, 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

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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 Petent 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 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	Rina SHIN	<b>***</b>	
Inventor's Signature	Me	Date	OCT. 29. 2013
Residence (City, Country)	Seoul, Republic of Korea		
Mailing Address	#807 EZ Plus Officetel, Seogyo-Dong, Mapo-Gu, Seoul, Republic of Korea		

Inventor's Legal Name	Hae-Sung PARK.		
Inventor's Signature	100M-	Date	007. 29. 2013
Residence (City, Country)	Seoul, Republic of Korea		
Mailing Address	#111-101 Hannam The Hill APT., Hannam-Dong, Yongsan-Gu, Seoul, Republic of Korea		

Inventor's Legal Name	Do-Sung JUNG		
Inventor's Signature	19hm	Date	OCT. 31, 2013
Residence (City, Country)	Seoul, Republic of Korea		
Mailing Address	153-3 Seockehon-Dong, Songpa-Gu, Seoul, Republic of Korea		

Inventor's Legal Name	Nam-Hyun PARK		
Inventor's Signature		Date	OCT. 31,20/3
Residence (City, Country)	Namyangju-Si, Republic of Korea		
Mailing Address	#101-801 Maseog Sindo APT., Maseogu-Ri, Hwado-Eup, Namyangju-Si, Gyeonggi-Do, Republic of Korea		