

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2641544

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>BYOUNG-UK YOON</td> <td>12/04/2013</td> </tr> <tr> <td>MOON-SOO KIM</td> <td>12/04/2013</td> </tr> <tr> <td>YONG-SANG YUN</td> <td>12/04/2013</td> </tr> <tr> <td>SEUNG-EUN LEE</td> <td>12/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	BYOUNG-UK YOON	12/04/2013	MOON-SOO KIM	12/04/2013	YONG-SANG YUN	12/04/2013	SEUNG-EUN LEE	12/04/2013
Name	Execution Date										
BYOUNG-UK YOON	12/04/2013										
MOON-SOO KIM	12/04/2013										
YONG-SANG YUN	12/04/2013										
SEUNG-EUN LEE	12/04/2013										
RECEIVING PARTY DATA											
Name:	SAMSUNG ELECTRONICS CO., LTD.										
Street Address:	129 SAMSUNG-RO, YEONGTONG-GU, SUWON-SI										
City:	GYEONGGI-DO										
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>14100487</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14100487						
Property Type	Number										
Application Number:	14100487										
CORRESPONDENCE DATA											
Fax Number:	(201)226-9246										
Phone:	201-226-9245										
Email:	jeryl.bizzoco@chareiter.com										
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	CHA & REITER, LLC										
Address Line 1:	17 ARCADIAN AVENUE										
Address Line 2:	SUITE 208										
Address Line 4:	PARAMUS, NEW JERSEY 07652										
ATTORNEY DOCKET NUMBER:	4500-1-277										
NAME OF SUBMITTER:	STEVE CHA										
Signature:	/Steve Cha/										

Date:

12/09/2013

Total Attachments: 2

source=4500-1-277\_Assignment#page1.tif

source=4500-1-277\_Assignment#page2.tif

**Assignment of Invention and Patent Application**

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration,

- 1) Byoung-Uk YOON of #243-1501, 213, Dongtanjungang-ro, Hwaseong-si, Gyeonggi-do, Republic of Korea
- 2) Moon-Soo KIM of #109-1104, 222, Seolleung-ro, Gangnam-gu, Seoul, Republic of Korea
- 3) Yong-Sang YUN of #207-805, 28, Jungbu-daero 448beon-gil, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea
- 4) Seung-Eun LEE of #101-402, 22, Dogok-ro 7-gil, Gangnam-gu, Seoul, Republic of Korea

(hereinafter **Assignor**) hereby sells, assigns, transfers, and sets over unto:

**SAMSUNG ELECTRONICS CO., LTD.** of  
**129 SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742**  
**REPUBLIC OF KOREA**

(hereinafter **Assignee**) the entire right, title and interest for the United States Of America as defined in 35 U.S.C. Section 261, in and to the invention entitled as:

**METHOD AND APPARATUS FOR VIRTUAL KEYPAD CONTROL**

invented by **Assignor**; the application for United States patent therefor, invented by **Assignor**; any patent or reissues of any patent that may be granted thereon; and any applications which are continuations, continuation-in-part, substitutes, or divisions of said application. **Assignor** authorizes **Assignee** to enter the date of signature and/or Serial Number and Filing Date in the above. **Assignor** also authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patent(s) to the said **Assignee**, for its interests as **Assignee**, its successors, assigns and legal representatives. The undersigned agrees that the attorney of record in said application shall hereafter act on behalf of said **Assignee**; and **Assignor** further conveys to

**Assignee** all priority rights resulting from the above-identified application for United States Patent. **Assignor** agrees to execute all papers, give any required testimony and perform other lawful acts, as deemed essential by **Assignee** to perfect **Assignee's** interest in any resulting patent of the United States, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and **Assignee's** interest therein.

**SIGNED ON THE DATES(S) INDICATED BESIDE MY/OUR SIGNATURE(S):**

**Name of First Inventor:** Byoung-Uk YOON

Yoon Byoung uk

Signature of inventor

Dated: December 4, 2013

WITNESSED: [Signature]

**Name of Second Inventor:** Moon-Soo KIM

Kim Moon soo

Signature of inventor

Dated: December 4, 2013

WITNESSED: [Signature]

**Name of Third Inventor:** Yong-Sang YUN

Yun Yong Sang

Signature of inventor

Dated: December 4, 2013

WITNESSED: [Signature]

**Name of Fourth Inventor:** Seung-Eun LEE

Lee Seung Eun

Signature of inventor

Dated: December 4, 2013

WITNESSED: [Signature]