

## 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>Kyungdae PARK</td> <td>12/18/2012</td> </tr> <tr> <td>Bonghee KIM</td> <td>12/18/2012</td> </tr> <tr> <td>Jihye MYUNG</td> <td>12/18/2012</td> </tr> <tr> <td>Hyebin PARK</td> <td>12/18/2012</td> </tr> <tr> <td>Saegee OH</td> <td>12/18/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kyungdae PARK	12/18/2012	Bonghee KIM	12/18/2012	Jihye MYUNG	12/18/2012	Hyebin PARK	12/18/2012	Saegee OH	12/18/2012
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Samsung Electronics Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>129 Samsung-ro, Yeongtong-gu, Suwon-si</td> </tr> <tr> <td>City:</td> <td>Gyeonggi-do</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> </table>		Name:	Samsung Electronics Co., Ltd.	Street Address:	129 Samsung-ro, Yeongtong-gu, Suwon-si	City:	Gyeonggi-do	State/Country:	KOREA, REPUBLIC OF				
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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>13746529</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13746529								
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CORRESPONDENCE DATA													
<p>Fax Number: 2012269246</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 201-226-9245</p> <p>Email: jeryl.bizzoco@chareiter.com</p> <p>Correspondent Name: Cha &amp; Reiter, LLC</p> <p>Address Line 1: 17 Arcadian Avenue</p> <p>Address Line 2: Suite 208</p> <p>Address Line 4: Paramus, NEW JERSEY 07652</p>													
ATTORNEY DOCKET NUMBER:	5004-1-453												
NAME OF SUBMITTER:	Steve Cha												
<p>Total Attachments: 3</p> <p>source=5004-1-453_Assignment#page1.tif</p> <p>source=5004-1-453_Assignment#page2.tif</p> <p>source=5004-1-453_Assignment#page3.tif</p>													

CH \$40.00 13746529

**Assignment of Invention and Patent Application**

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

- 1) Kyungdae PARK of No. 102-1105, Hanbit Samsung Apt., Seocho 3-dong, Seocho-gu, Seoul, Republic of Korea
- 2) Bonghee KIM of No. 301, Seocho Green Villa, 1610-19, Seocho 1-dong, Seocho-gu, Seoul, Republic of Korea
- 3) Jihye MYUNG of No. 506, Dongtan Paragon 2-cha, 106-1, Bansong-dong, Hwaseong-di, Gyeonggi-do, Republic of Korea
- 4) Hyebin PARK of No. A202, Hyundai village, 602-179, Namhyeon-dong, Gwanak-gu, Seoul, Republic of Korea
- 5) Saegye OH of No. 1709-802, Munchon Maeul 17-danji Apt., Juyeop 2-dong, Ilsanseo-gu, Goyang-si, Gyeonggi-do, 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:

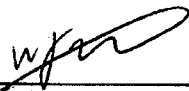
**METHOD FOR OPERATING THREE-DIMENSIONAL HANDLER AND TERMINAL  
SUPPORTING THE SAME**

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: Kyungdae PARK**

  
\_\_\_\_\_  
Signature of inventor

Dated: 2012. 12. 18

WITNESSED: Lee


**Name of Second Inventor: Bonghee KIM**

  
\_\_\_\_\_  
Signature of inventor

Dated: 2012. 12. 18

WITNESSED: Lee


**Name of Third Inventor: Jihye MYUNG**

  
\_\_\_\_\_  
Signature of inventor

Dated: 2012. 12. 18

WITNESSED: Lee

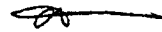
**Name of Fourth Inventor: Hyebin PARK**

  
\_\_\_\_\_  
Signature of inventor

Dated: 2012. 12. 18

WITNESSED: Lee

**Name of Fifth Inventor:** Saegge OH



\_\_\_\_\_  
Signature of inventor

Dated: 2012. 12. 18

WITNESSED: \_\_\_\_\_

