

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Gun-Su LEE</td> <td>10/16/2012</td> </tr> <tr> <td>Bum-Soo KIM</td> <td>10/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Gun-Su LEE	10/16/2012	Bum-Soo KIM	10/16/2012		
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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>13653683</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13653683				
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CORRESPONDENCE DATA									
<p>Fax Number: 2012269246  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 201-226-9245        Email: jeryl.bizzoco@chareiter.com        Correspondent Name: Cha &amp; Reiter, LLC        Address Line 1: 17 Arcadian Avenue        Address Line 2: Suite 208        Address Line 4: Paramus, NEW JERSEY 07652</p>									
ATTORNEY DOCKET NUMBER:	4500-1-167								
NAME OF SUBMITTER:	Steve Cha								
<p>Total Attachments: 2        source=4500-1-167_Assignment#page1.tif        source=4500-1-167_Assignment#page2.tif</p>									

CH \$40.00 13653683

**Assignment of Invention and Patent Application**

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

- 1) Gun-Su LEE            of        #111-501, 400, Hasinbeonyeong-ro, Saha-gu, Busan, Republic of Korea
- 2) Bum-Soo KIM        of        #204-302, Hwaseong Park Dream, Suseong-dong 3-ga, Suseong-gu,  
Daegu, 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:

**APPARATUS AND METHOD FOR ACQUIRING CODE IMAGE IN A PORTABLE TERMINAL**

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: Gun-Su LEE**

  
Signature of inventor

Dated: October 16, 2012

WITNESSED: Rank

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

B. S. Kim  
Signature of inventor

Dated: October 16, 2012

WITNESSED: Rank