

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Jae Hoon CHUNG</td><td>09/16/2011</td></tr><tr><td>Yeong Hyeon KWON</td><td>09/16/2011</td></tr><tr><td>Seung Hee HAN</td><td>09/16/2011</td></tr><tr><td>Min Seok NOH</td><td>09/16/2011</td></tr></tbody></table>	Name	Execution Date	Jae Hoon CHUNG	09/16/2011	Yeong Hyeon KWON	09/16/2011	Seung Hee HAN	09/16/2011	Min Seok NOH	09/16/2011	
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RECEIVING PARTY DATA											
Name:	LG ELECTRONICS INC.										
Street Address:	20 Yeouido-dong, Yeongdeungpo-gu										
City:	Seoul										
State/Country:	REPUBLIC OF KOREA										
Postal Code:	150-721										
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>13258428</td></tr></tbody></table>	Property Type	Number	Application Number:	13258428							
Property Type	Number										
Application Number:	13258428										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Harry S. Lee										
Total Attachments: 2 source=2101-5075-Assignment#page1.tif source=2101-5075-Assignment#page2.tif											

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PATENT
REEL: 026944 FRAME: 0863

ASSIGNMENT

(1-8) <i>Insert Name(s) of Inventor(s)</i>	(1) CHUNG, Jae Hoon	(4) NOH, Min Seok
	(2) KWON, Yeong Hyeon	(5)
	(3) HAN, Seung Hee	(6)

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) <i>Insert name of Assignee</i>	(9) LG ELECTRONICS INC.
(10) <i>Insert state of Incorporation of Assignee</i>	(10) Korea
(11) <i>Insert address of Assignee</i>	(11) 20 Yeouido-dong, Yeongdeungpo-gu, Seoul, 150-721, Korea

(hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

(12) <i>Insert identification of Invention, such as Title, Case Number or Foreign Application Number</i>	(12) CHANNEL-SOUNDING METHOD USING A PLURALITY OF ANTENNAS, AND APPARATUS FOR SAME
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for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.

(13) <i>Insert Date of Signing of Application</i>	(13)
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1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or continuings applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.

The undersigned hereby appoints the Attorneys associated with Customer No. 035884 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: <u>Sep. 16, 2011</u>	Signature of Inventor: <u>Joe Brown Chang</u>
Date: <u>2011-Sept-16</u>	Signature of Inventor: <u>[Signature]</u>
Date: <u>16th Sep 2011</u>	Signature of Inventor: <u>[Signature]</u>
Date: <u>16th, 2011 Sep 2011</u>	Signature of Inventor: <u>[Signature]</u>
Date: _____	Signature of Inventor: _____