

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Sung-chan PARK	09/23/2011
Kyu-hong KIM	09/23/2011
Jung-ho KIM	09/23/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SAMSUNG ELECTRONICS CO., LTD.
<b>Street Address:</b>	416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, Republic of Korea
<b>City:</b>	Suwon-si
<b>State/Country:</b>	REPUBLIC OF KOREA
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13242880
<b>CORRESPONDENCE DATA</b>	
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<b>Address Line 4:</b>	Washington, DISTRICT OF COLUMBIA 20043
<b>ATTORNEY DOCKET NUMBER:</b>	12000.SMG.1135
<b>NAME OF SUBMITTER:</b>	Obert H. Chu
<b>Total Attachments: 2</b> source=NewApp_SMG1135_LFC20110923_AssignmentExecuted#page1.tif source=NewApp_SMG1135_LFC20110923_AssignmentExecuted#page2.tif	

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**PATENT**  
**REEL: 026962 FRAME: 0487**

## ASSIGNMENT

For valuable consideration, we,

Sung-chan PARK Suwon-si, Gyeonggi-do, Republic of Korea

Kyu-hong KIM Suwon-si, Gyeonggi-do, Republic of Korea

Jung-ho KIM Yongin-si, Gyeonggi-do, Republic of Korea

hereby assign to:

**SAMSUNG ELECTRONICS CO., LTD.**, a Republic of Korea

corporation/institute/institution having principal executive office(s) or place of business

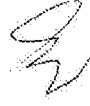
at: 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, Republic of

Korea; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of U.S. Patent Application Number 13/242,880 filed September 23, 2011 at the U.S. Patent & Trademark Office signed by us, with title **METHOD OF ULTRASONIC BEAMFORMING AND APPARATUS THEREFOR**, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and application serial number of said application when known; this Assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said 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 we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective 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 TESTIMONY/WITNESS WHEREOF, we, undersigned inventors (Assignors) intending to be legally bound, have hereto affixed our signatures.

This 23 day of September, 2011



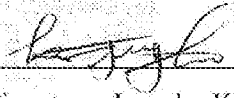
Signature: Sung-chan PARK

This 23 day of September, 2011



Signature: Kyu-hong KIM

This 23 day of September, 2011



Signature: Jung-ho KIM