

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>Alexander G CHERNOKALOV</td> <td>09/04/2012</td> </tr> <tr> <td>Nikolay N OLYUNIN</td> <td>09/04/2012</td> </tr> <tr> <td>Mikhail N MAKURIN</td> <td>09/04/2012</td> </tr> <tr> <td>Vladimir Y ARKHIPENKOV</td> <td>09/04/2012</td> </tr> <tr> <td>Ki Young KIM</td> <td>09/04/2012</td> </tr> <tr> <td>Young Ho RYU</td> <td>09/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	Alexander G CHERNOKALOV	09/04/2012	Nikolay N OLYUNIN	09/04/2012	Mikhail N MAKURIN	09/04/2012	Vladimir Y ARKHIPENKOV	09/04/2012	Ki Young KIM	09/04/2012	Young Ho RYU	09/04/2012
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RECEIVING PARTY DATA															
Name:	SAMSUNG ELECTRONICS CO., LTD.														
Street Address:	129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742														
City:	Suwon-si														
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>13612228</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13612228										
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Application Number:	13612228														
CORRESPONDENCE DATA															
Fax Number:	2023153758														
Phone:	202-429-0020														
Email:	info@nsiplaw.com														
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>															
Correspondent Name:	NSIP LAW														
Address Line 1:	P.O. Box 34688														
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20043														
ATTORNEY DOCKET NUMBER:	012052.0606														
NAME OF SUBMITTER:	Loren H. Tung														
Total Attachments: 2 source=NewApp_0120520606_AssignmentExecuted#page1.tif source=NewApp_0120520606_AssignmentExecuted#page2.tif															

OP \$40.00 13612228

ASSIGNMENT

For valuable consideration, we,

Alexander G. CHERNOKALOV	#246, Apt., bld. 7, Isaeva str., Korolev city, Moscow reg. 141075, Russia
Nikolay N. OLYUNIN	#38, Apt., 45, Sovetskoy Armii str., Perm region 614022, Russia
Mikhail N. MAKURIN	#2, Apt., bld. 38, Volodarsky str., Arkhangelsk, Arkhangelsk reg. 163061, Russia
Vladimir Y. ARKHIPENKOV	#163, Apt., bld. 7, Rojdestvenskaya str., Mitischy, Moscow reg. 141006, Russia
Ki Young KIM	106-304, Byeoksan blooming Apt., Gongse-dong, Giheung-gu, Yongin-si, Gyeonggi-do, 446-790, Republic of Korea
Young Ho RYU	105-203 Byeoksan blooming Apt., Gongse-dong, Giheung-gu, Yongin-si, Gyeonggi-do, 446-790, Republic of Korea

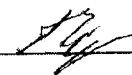
hereby assign to:

SAMSUNG ELECTRONICS CO., LTD., a Republic of Korea corporation/institution/foundation/institute having principal executive office(s) or place of Business at: 129, Samsung-ro, 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 13/612,228 filed Sept. 12, 2012 at the U.S. Patent & Trademark Office signed by us, with title **WIRELESS ELECTROMAGNETIC RECEIVER AND WIRELESS POWER TRANSFER SYSTEM**, 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 4th day of September, 2012


Signature: Alexander G. CHERNOKALOV


This 4th day of September, 2012


Signature: Nikolay N. OLYUNIN


This 4th day of September, 2012


Signature: Mikhail N. MAKURIN

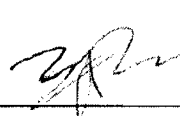
This 4th day of September, 2012


Signature: Vladimir Y. ARKHIPENKOV

This 4th day of September, 2012


Signature: Ki Young KIM

This 4th day of September, 2012


Signature: Young Ho RYU