

## 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>SE JOON KIM</td> <td>08/12/2013</td> </tr> <tr> <td>JONG BAE SHIN</td> <td>08/12/2013</td> </tr> </tbody> </table>		Name	Execution Date	SE JOON KIM	08/12/2013	JONG BAE SHIN	08/12/2013
Name	Execution Date						
SE JOON KIM	08/12/2013						
JONG BAE SHIN	08/12/2013						
RECEIVING PARTY DATA							
Name:	LG Innotek Co., Ltd.						
Street Address:	Seoul Square, 541, Namdaemunno 5-ga, Jung-gu						
City:	Seoul						
State/Country:	REPUBLIC OF KOREA						
Postal Code:	100-714						
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>13981739</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13981739		
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Application Number:	13981739						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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NAME OF SUBMITTER:	JEFF LLOYD						
Signature:	/JEFF LLOYD/						
Date:	08/13/2013						
Total Attachments: 3 source=AssignmentAF#page1.tif source=AssignmentAF#page2.tif source=AssignmentAF#page3.tif							

OP \$40.00 13981739

ASSIGNMENT

WHEREAS, we, the undersigned, residing at the indicated addresses given below, respectively, have invented certain new and useful improvements in **THERMOELECTRIC DEVICE AND THERMOELECTRIC MODULE HAVING THE SAME, AND METHOD OF MANUFACTURING THE SAME**, for which an application for United States Letters Patent was filed July 25, 2013, as Serial No 13/981,739.

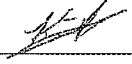
WHEREAS, **LG INNOTEK CO., LTD.**, a corporation of the country of the **Republic of Korea**, having a place of business at **Seoul Square, 541, Namdaemunno 5-ga, Jung-gu, Seoul 100-714 Republic of Korea**, is desirous of acquiring the entire right, title, and interest in and to said invention and in and to any Letters Patent which may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in view of valuable consideration, receipt of which is hereby acknowledged, we, the undersigned, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer, unto said **LG INNOTEK CO., LTD.**, its successors and assigns, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title, and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, and extensions thereof.

We hereby authorize and request the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to **LG INNOTEK CO., LTD.**, as the assignee of the entire right, title, and interest in and to the same, for the sole use and behoof of said **LG INNOTEK CO., LTD.**, its successors and assigns.

FURTHER, we agree that we will communicate to said **LG INNOTEK CO., LTD.**, or its representatives, any facts known to us respecting said invention; testify in any legal proceedings; sign all lawful papers; execute all divisional, continuation, substitution, renewal, and reissue applications; execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said **LG INNOTEK CO., LTD.**; make all rightful oaths; and generally do everything possible to aid the said **LG INNOTEK CO., LTD.**, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 12<sup>th</sup> day of August, 2013.

Signature:   
**KIM, Se Joon**  
c/o LG Innotek Co., Ltd.  
20F, Seoul Square, 541, Namdaemunno 5-ga,  
Jung-gu, Seoul 100-714  
Republic of Korea

WITNESS:

Signature:




Printed Name:


LEE, Se-Jin

Date:

August 12, 2013

IN TESTIMONY WHEREOF, I have hereunto set my hand this 12<sup>th</sup> day of August, 2013.

Signature:   
**SHIN, Jong Bae**  
c/o LG Innotek Co., Ltd.  
20F, Seoul Square, 541, Namdaemunno 5-ga,  
Jung-gu, Seoul 100-714  
Republic of Korea

WITNESS: 

Signature: 

Printed Name: LEE, Se-Jin

Date: August 12, 2013