

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>Youngbae KIM</td> <td>12/17/2011</td> </tr> <tr> <td>Dongju JUNG</td> <td>12/17/2011</td> </tr> <tr> <td>Ilseob YOON</td> <td>12/17/2011</td> </tr> <tr> <td>Minkyu HWANG</td> <td>12/17/2011</td> </tr> <tr> <td>Jinwoo SHIM</td> <td>12/17/2011</td> </tr> <tr> <td>Kyungdo KIM</td> <td>12/17/2011</td> </tr> </tbody> </table>		Name	Execution Date	Youngbae KIM	12/17/2011	Dongju JUNG	12/17/2011	Ilseob YOON	12/17/2011	Minkyu HWANG	12/17/2011	Jinwoo SHIM	12/17/2011	Kyungdo KIM	12/17/2011
Name	Execution Date														
Youngbae KIM	12/17/2011														
Dongju JUNG	12/17/2011														
Ilseob YOON	12/17/2011														
Minkyu HWANG	12/17/2011														
Jinwoo SHIM	12/17/2011														
Kyungdo KIM	12/17/2011														
RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>LG Electronics Inc.</td> </tr> <tr> <td>Street Address:</td> <td>20 Yeouido-dong, Yeongdeungpo-gu</td> </tr> <tr> <td>City:</td> <td>Seoul</td> </tr> <tr> <td>State/Country:</td> <td>REPUBLIC OF KOREA</td> </tr> <tr> <td>Postal Code:</td> <td>150-721</td> </tr> </table>		Name:	LG Electronics Inc.	Street Address:	20 Yeouido-dong, Yeongdeungpo-gu	City:	Seoul	State/Country:	REPUBLIC OF KOREA	Postal Code:	150-721				
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>13386965</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13386965										
Property Type	Number														
Application Number:	13386965														
CORRESPONDENCE DATA															
Fax Number: (703)766-3644 Phone: 7037663777 Email: assigned@ked-iplaw.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: KED & ASSOCIATES, LLP Address Line 1: P.O. Box 8638 Address Line 4: Reston, VIRGINIA 20195															
ATTORNEY DOCKET NUMBER:	P-1134														

OP \$40.00 13386965

NAME OF SUBMITTER:

/Daniel Y.J. Kim/

Total Attachments: 2

source=Assignment#page1.tif

source=Assignment#page2.tif

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- | | |
|--------------------------|--------------------------|
| (1) <u>KIM, Youngbae</u> | (4) <u>HWANG, Minkyu</u> |
| (2) <u>JUNG, Dongju</u> | (5) <u>SHIM, Jinwoo</u> |
| (3) <u>YOON, Ilseob</u> | (6) <u>KIM, Kyungdo</u> |

who have made a certain new and useful invention, hereby sell, assign and transfer unto

LG Electronics Inc.

20 Yeouido-dong, Yeongdeungpo-gu

Seoul 150-721 Republic of Korea

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

VACUUM INSULATION MEMBER, REFRIGERATOR HAVING VACUUM
INSULATION MEMBER, AND METHOD FOR FABRICATING VACUUM
INSULATION MEMBER

- (a) for which an application for United States Letters Patent was filed on and identified by United States Serial No. 12/17, 2011
 (b) for which an application for United States Letters Patent was executed on December 17, 2011

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and/or that claim priority thereto and any and all extensions, divisions, reissues, substitutions, renewals, continuations, or continuations-in-part thereof and/or that claim priority thereto, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE.

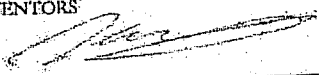
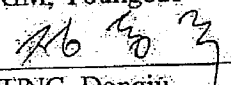
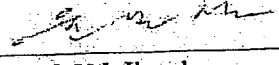
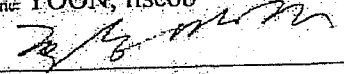
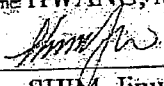
AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

AND the undersigned hereby grants the firm of KED & ASSOCIATES, LLP the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of any issuing authority, including the United States Patent and Trademark Office, for recordation of this document.

SIGNED on the dates indicated aside our signatures:

INVENTORS

DATE SIGNED

- | | |
|----|---|
| 1) |  |
| | Name: <u>KIM, Youngbae</u> |
| 2) |  |
| | Name: <u>JUNG, Dongju</u> |
| 3) |  |
| | Name: <u>YOON, Ilseob</u> |
| 4) |  |
| | Name: <u>HWANG, Minkyu</u> |
| 5) |  |
| | Name: <u>SHIM, Jinwoo</u> |

<u>2011. 12. 17</u>
<u>2011. 12. 17</u>
<u>2011. 12. 17</u>
<u>2011. 12. 17</u>
<u>2011. 12. 17</u>

6)

Signature
Name: KIM, Kyungdo

2011. 12. 17

PATENT

RECORDED: 01/25/2012

REEL: 027591 FRAME: 0700