

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT												
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignee address previously recorded on Reel 029474 Frame 0275. Assignor(s) hereby confirms the Corrective assignment to correct Assignee's address from "Democratic People's Republic of Korea" to --Republic of Korea--.												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>YOUNG WOO LEE</td> <td>11/15/2012</td> </tr> <tr> <td>IM BOK LEE</td> <td>11/15/2012</td> </tr> <tr> <td>SUNG JAE HONG</td> <td>11/15/2012</td> </tr> <tr> <td>JEONG TAK MOON</td> <td>11/15/2012</td> </tr> </tbody> </table>		Name	Execution Date	YOUNG WOO LEE	11/15/2012	IM BOK LEE	11/15/2012	SUNG JAE HONG	11/15/2012	JEONG TAK MOON	11/15/2012		
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CORRESPONDENCE DATA													
<p>Fax Number: 2155686499 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2152559225 Email: ppetaccia@vklaw.com Correspondent Name: Yong Beom Hwang Address Line 1: Volpe And Koenig, P.C. Address Line 2: 30 S. 17th Street, United Plaza Address Line 4: Philadelphia, PENNSYLVANIA 19103</p>													
ATTORNEY DOCKET NUMBER:	YPLMEC-PT003												

PATENT

NAME OF SUBMITTER:	Yong Beom Hwang
	This document serves as an Oath/Declaration (37 CFR 1.63).
<p>Total Attachments: 10</p> <p>source=YPLMEC_PT003_CorrectiveAssignment#page1.tif</p> <p>source=YPLMEC_PT003_CorrectiveAssignment#page2.tif</p> <p>source=YPLMEC_PT003_CorrectiveAssignment#page3.tif</p> <p>source=YPLMEC_PT003_CorrectiveAssignment#page4.tif</p> <p>source=YPLMEC_PT003_CorrectiveAssignment#page5.tif</p> <p>source=YPLMEC_PT003_CorrectiveAssignment#page6.tif</p> <p>source=YPLMEC_PT003_CorrectiveAssignment#page7.tif</p> <p>source=YPLMEC_PT003_CorrectiveAssignment#page8.tif</p> <p>source=YPLMEC_PT003_CorrectiveAssignment#page9.tif</p> <p>source=YPLMEC_PT003_CorrectiveAssignment#page10.tif</p>	

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SUBMISSION TYPE:	NEW ASSIGNMENT										
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NAME OF SUBMITTER:	Yong Beom Hwang										
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CH \$40.00 13714200

COMBINED DECLARATION AND ASSIGNMENT

With respect to the invention titled

Tin-based solder ball and semiconductor package including the same
**TIN-BASED SOLDER BALL AND SEMICONDUCTOR PACKAGE INCLUDING
THE SAME**

the undersigned has authorized the application attached hereto. If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:

United States Application No.: filed on

I state and declare the following.

DECLARATION

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than 5 years, or both.

ASSIGNMENT

The undersigned hereby authorizes assignee or assignee's representative to insert the Application Number and the filing date of this application if they are unknown at the time of execution of this assignment.

Assignee	<u>MK Electron Co., Ltd.</u>
Assignee State or Country of Incorporation	<u>Korea</u>
Assignee Address	<u>316-2 Geumeo-ri, Pogok-eup, Cheoin-gu, Yongin-si, Gyeonggi-do 449-812 Republic of Korea</u>

Assignee is desirous of acquiring the entire right, title and interest in the invention, all applications for and all letters patent issued on the invention.

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the assignee and assignee's successors, assigns and legal representatives the entire right, title and interest in the invention and all patent applications thereon, including, but not limited to, the application for United States Letters Patent entitled as above, and all divisions and continuations thereof, and in all letters patent, including all reissues and reexaminations thereof, throughout the world, including the right to claim priority under the Paris Convention or other treaty.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, to supply all information and evidence relating to the making and practice of the invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention throughout the world for the benefit of the assignee, and to execute all instruments proper to carry out the intent of this instrument.

The undersigned warrants that the rights and property herein conveyed are free and clear of any encumbrance.

Atty. Docket No. YPLMEC-PT003

This Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, the undersigned hereby authorizes our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

**SIGNATURE SHEET FOR
DECLARATION AND ASSIGNMENT**

Inventor's Name LEE, Young Woo
Inventor's Signature *Y/W*
Date 2012 / 11 / 15
Signed at Incheon, Republic of Korea
(City and Country)

STATEMENT OF WITNESS (optional):

I, LEE, Joon Sun
Name of Witness
was personally present and did see LEE, Young Woo
inventor identified above
execute this Assignment on 21 November 2012 and such Assignor is personally known
date
to me to be the person described herein.

Witness Signature LEE Joon Sun


An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form for a first filing. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors.

☒ Additional inventors are being named on the 3 supplemental sheets attached hereto.

Atty. Docket No. YPLMEC-PT003

**SUPPLEMENTAL SHEET FOR
DECLARATION AND ASSIGNMENT**

Inventor's Name LEE, Im Bok

Inventor's Signature 

Date 2012 / 11 / 15

Signed at Yongin-si, Gyeonggi-do, Republic of Korea
(City and Country)

STATEMENT OF WITNESS (optional):

I, LEE, Joon Sun
Name of Witness

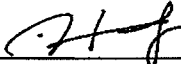
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inventor identified above

execute this Assignment on 21 November 2012 and such Assignor is personally known
date

to me to be the person described herein.

Witness Signature LEE Joon Sun

**SUPPLEMENTAL SHEET FOR
DECLARATION AND ASSIGNMENT**

Inventor's Name HONG, Sung Jae
Inventor's Signature 
Date 2012 / 11 / 15
Signed at Yongin-si, Gyeonggi-do, Republic of Korea
(City and Country)


STATEMENT OF WITNESS (optional):

I, LEE, Joon Sun
Name of Witness


was personally present and did see HONG, Sung Jae
inventor identified above

execute this Assignment on 21 November 2012 and such Assignor is personally known
date

to me to be the person described herein.

Witness Signature 

**SUPPLEMENTAL SHEET FOR
DECLARATION AND ASSIGNMENT**

Inventor's Name MOON, Jeong Tak
Inventor's Signature 
Date 2012/11/15
Signed at Suwon-si, Gyeonggi-do, Republic of Korea
(City and Country)

STATEMENT OF WITNESS (optional):

I, LEE, Joon Sun
Name of Witness

was personally present and did see MOON, Jeong Tak
inventor identified above

execute this Assignment on 21 November 2012 and such Assignor is personally known
date

to me to be the person described herein.

Witness Signature LEE, Joon Sun