

## PATENT ASSIGNMENT

Electronic Version v1.1  
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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>Fan-Qing Zeng</td> <td>03/26/2013</td> </tr> <tr> <td>CHING HWA TEY</td> <td>03/26/2013</td> </tr> <tr> <td>XIAOQING XU</td> <td>03/26/2013</td> </tr> </tbody> </table>		Name	Execution Date	Fan-Qing Zeng	03/26/2013	CHING HWA TEY	03/26/2013	XIAOQING XU	03/26/2013
Name	Execution Date								
Fan-Qing Zeng	03/26/2013								
CHING HWA TEY	03/26/2013								
XIAOQING XU	03/26/2013								
RECEIVING PARTY DATA									
Name:	UNITED MICROELECTRONICS CORP.								
Street Address:	No.3, Li-Hsin Road 2, Science-Based Industrial Park								
City:	Hsin-Chu City								
State/Country:	TAIWAN								
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>13911062</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13911062				
Property Type	Number								
Application Number:	13911062								
CORRESPONDENCE DATA									
Fax Number:	7039974517								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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Address Line 4:	Merrifield, VIRGINIA 22116								
ATTORNEY DOCKET NUMBER:	NAUP1649USA								
NAME OF SUBMITTER:	KATE YEH								
Signature:	/KATE YEH/								
Date:	06/05/2013								

CH \$40.00 13911062

**Total Attachments: 6**

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**COMBINE DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION  
USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT**

**Title of Invention:**

**SEAL RING STRUCTURE AND METHOD OF FORMING THE SAME**

As the below named inventor, I hereby declare that:  
This declaration is directed to:

- The attached application, or
- United States application number \_\_\_\_\_ filed on \_\_\_\_\_, or
- PCT international application number \_\_\_\_\_ filed on \_\_\_\_\_

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 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 five (5) years, or both.

In consideration of the payment by **UNITED MICROELECTRONICS CORP.** having a postal address of \_\_\_\_\_

**No.3, Li-Hsin Road 2, Science-Based Industrial Park, Hsin-Chu City 300, Taiwan, R.O.C.**

(referred to as "ASSIGNEE" below) to I of the sum of One Dollar (\$ 1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration.

I hereby sell, assign and transfer to ASSIGNEE and the successors and assignees of the ASSIGNEE the entire right, title and interest in and to any and all improvements which are disclosed in the invention as above-identified application and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuations, continuation-in-part, divisions, renewals, substitutes, or extensions thereof, and as to Letters Patent any reissue or re-examination thereof.

I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to I and will testify as to the same in any interference, litigation proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal

representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set hand and seal this MAR 26 2013 (Date of signing)

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use this form for each additional inventor.

Docket No NAUP1649USA

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor: **Fan-Qing Zeng**

Date: **MAR 26 2013**

Signature: Fan Qing Zeng

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Docket No NAUP1649USA

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor: **CHING HWA TEY**

Date: **MAR 26 2013**

Signature: CHING HWA TEY

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Docket No NAUPI649USA

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor: **XIAOQING XU**

Date: **MAR 26 2013**

Signature: XIAOQING XU

NPO#NAU-P1649-USA:0  
CUST#UMCD-2012-0517

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DSC0-102U003037

RECORDED: 06/05/2013

PATENT  
REEL: 030554 FRAME: 0154