

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2717434

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>YEN-HAO SHIH</td> <td>01/24/2014</td> </tr> <tr> <td>YING-TSO CHEN</td> <td>02/05/2014</td> </tr> <tr> <td>SHIH-CHANG TSAI</td> <td>01/24/2014</td> </tr> <tr> <td>CHUN-FU CHEN</td> <td>02/05/2014</td> </tr> </tbody> </table>		Name	Execution Date	YEN-HAO SHIH	01/24/2014	YING-TSO CHEN	02/05/2014	SHIH-CHANG TSAI	01/24/2014	CHUN-FU CHEN	02/05/2014
Name	Execution Date										
YEN-HAO SHIH	01/24/2014										
YING-TSO CHEN	02/05/2014										
SHIH-CHANG TSAI	01/24/2014										
CHUN-FU CHEN	02/05/2014										
RECEIVING PARTY DATA											
Name:	MACRONIX INTERNATIONAL CO., LTD.										
Street Address:	NO.16, LI-HSIN RD.										
Internal Address:	SCIENCE-BASED INDUSTRIAL PARK										
City:	HSINCHU										
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>14174931</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14174931						
Property Type	Number										
Application Number:	14174931										
CORRESPONDENCE DATA											
Fax Number:	(404)521-4286										
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Correspondent Name:	MCCLURE, QUALEY & RODACK, LLP										
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NAME OF SUBMITTER:	DANIEL R. MCCLURE										

Signature:	/Daniel R. McClure/
Date:	02/07/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 5</b> source=00129946#page1.tif source=00129946#page2.tif source=00129946#page3.tif source=00129946#page4.tif source=00129946#page5.tif	

Attorney Reference: \_\_\_\_\_

**ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT**

**WHEREAS** Yen-Hao Shih, Ying-Tso Chen, Shih-Chang Tsai and Chun-Fu Chen  
hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to  
**METHOD OF MANUFACTURING METAL SILICIDE AND SEMICONDUCTOR STRUCTURE USING THE SAME**

said application being attached hereto;

said application having been filed in the United States Patent and Trademark Office on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable);

the specification of which was filed under the Patent Cooperation Treaty on \_\_\_\_\_ Serial No. \_\_\_\_\_, the United States of America being designated.

**AND WHEREAS** MACRONIX INTERNATIONAL CO., LTD. hereinafter referred to as the assignee or applicant, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

As an above-named inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and 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.

**WITNESS:**

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

**ASSIGNOR (SOLE OR FIRST INVENTOR):**

Signature: Yen-Hao Shih

Legal Name: Yen-Hao Shih

Date: Jan. 24, 2014

**WITNESS:**

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

**ASSIGNOR (SECOND INVENTOR):**

Signature: \_\_\_\_\_

Legal Name: Ying-Tso Chen

Date: \_\_\_\_\_

**WITNESS:**

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

**ASSIGNOR (THIRD INVENTOR):**

Signature: \_\_\_\_\_

Legal Name: Shih-Chang Tsai

Date: \_\_\_\_\_

**WITNESS:**

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

**ASSIGNOR (FOURTH INVENTOR):**

Signature: \_\_\_\_\_

Legal Name: Chun-Fu Chen

Date: \_\_\_\_\_

**WITNESS:**

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

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**WITNESS:**

Signature: \_\_\_\_\_

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**WITNESS:**

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**ASSIGNOR (SOLE OR FIRST INVENTOR):**

Signature: \_\_\_\_\_

Legal Name: Yen-Hao Shih

Date: \_\_\_\_\_

**ASSIGNOR (SECOND INVENTOR):**

Signature: Ying-Tso Chen

Legal Name: Ying-Tso Chen

Date: 2014/2/5

**ASSIGNOR (THIRD INVENTOR):**

Signature: \_\_\_\_\_

Legal Name: Shih-Chang Tsai

Date: \_\_\_\_\_

**ASSIGNOR (FOURTH INVENTOR):**

Signature: \_\_\_\_\_

Legal Name: Chun-Fu Chen

Date: \_\_\_\_\_

**WITNESS:**

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

**ASSIGNOR (SOLE OR FIRST INVENTOR):**

Signature: \_\_\_\_\_  
Legal Name: Yen-Hao Shih \_\_\_\_\_  
Date: \_\_\_\_\_

**WITNESS:**

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

**ASSIGNOR (SECOND INVENTOR):**

Signature: \_\_\_\_\_  
Legal Name: Ying-Tso Chen \_\_\_\_\_  
Date: \_\_\_\_\_

**WITNESS:**

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

**ASSIGNOR (THIRD INVENTOR):**

Signature: Shih-Chang Tsai  
Legal Name: Shih-Chang Tsai \_\_\_\_\_  
Date: 2014/1/24 \_\_\_\_\_

**WITNESS:**

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

**ASSIGNOR (FOURTH INVENTOR):**

Signature: \_\_\_\_\_  
Legal Name: Chun-Fu Chen \_\_\_\_\_  
Date: \_\_\_\_\_

**WITNESS:**

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

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**ASSIGNOR (SOLE OR FIRST INVENTOR):**

Signature: \_\_\_\_\_

Legal Name: Yen-Hao Shih

Date: \_\_\_\_\_

**ASSIGNOR (SECOND INVENTOR):**

Signature: \_\_\_\_\_

Legal Name: Ying-Tso Chen

Date: \_\_\_\_\_

**ASSIGNOR (THIRD INVENTOR):**

Signature: \_\_\_\_\_

Legal Name: Shih-Chang Tsai

Date: \_\_\_\_\_

**ASSIGNOR (FOURTH INVENTOR):**

Signature: Chen Chun Fu

Legal Name: Chun-Fu Chen

Date: 2014.2.5

McClure, Qualey & Rodack, LLP.  
在宏綱號 P1000204 || 三邊圖號 US08357PA-D