

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	HUILONG ZHU	12/26/2019
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	INSTITUTE OF MICROELECTRONICS, CHINESE ACADEMY OF SCIENCES	
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<b>City:</b>	BEIJING	
<b>State/Country:</b>	CHINA	
<b>Postal Code:</b>	100029	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	16626793
<b>CORRESPONDENCE DATA</b>		
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<b>ATTORNEY DOCKET NUMBER:</b>	13496.0057USWO	
<b>NAME OF SUBMITTER:</b>	RONG YANG	
<b>SIGNATURE:</b>	/rongcyang/	
<b>DATE SIGNED:</b>	12/26/2019	
<b>Total Attachments: 2</b>		
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Docket No. 13496.0057USWO

**ASSIGNMENT OF PATENT APPLICATION**

WHEREAS,

I, Huifong ZHU having an address of 93 Autumn Dr. Poughkeepsie, New York 12603, USA  
(hereinafter called "THE UNDERSIGNED") have made an invention and have executed an application  
for Letters Patent of the United States for this invention which was filed on \_\_\_\_\_  
entitled SEMICONDUCTOR MEMORY DEVICE, METHOD OF MANUFACTURING THE SAME,  
AND ELECTRONIC DEVICE INCLUDING THE SEMICONDUCTOR MEMORY DEVICE, and  
which has been given application serial number \_\_\_\_\_;

and

WHEREAS INSTITUTE OF MICROELECTRONICS, CHINESE ACADEMY OF SCIENCES  
(hereinafter "ASSIGNEE") a corporation organized under the laws of China and having an office and  
place of business at No. 3 Beitucheng West Road, Chaoyang District, Beijing 100029 China wishes to  
acquire the entire right, title and interest in and to said invention and patent application and any Letters  
Patent to be obtained therefor;


NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and  
valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE  
UNDERSIGNED hereby sell, assign, and transfer to the ASSIGNEE, its successors, legal  
representative and assigns, the entire right, title and interest for the United States in and to the  
invention disclosed in said application, and in and to said application, as well as to all divisions,  
continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues  
or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the  
Commissioner of Patents of the United States to issue all Letters Patent for said invention to the  
ASSIGNEE of the entire right, title and interest in and to the same, in accordance with the terms of this  
instrument.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal  
representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE)  
any and all other instruments in writing including any and all further application papers, affidavits,

assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to the UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns, the entire right, title and interest in and to the said invention, patent applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by the UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.



Hailong ZHU

2019/12/26

Date