PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
SIPING HU	04/16/2020

RECEIVING PARTY DATA

Name:	YANGTZE MEMORY TECHNOLOGIES CO., LTD.	
Street Address:	reet Address: 18 GAOXIN 4TH ROAD, EAST LAKE HIGH-TECH DEVELOPMENT ZONE	
City:	WUHAN	
State/Country:	CHINA	
Postal Code: 430074		

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	17658902
Application Number:	17941461

CORRESPONDENCE DATA

Fax Number: (703)935-1394

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 7034305759

Email: uspto@anovalaw.com

Correspondent Name: ANOVA LAW GROUP, PLLC

Address Line 1: 21495 RIDGETOP CIRCLE, SUITE 300

Address Line 4: STERLING, VIRGINIA 20166

ATTORNEY DOCKET NUMBER:	00283.0007.01 AND 02	
NAME OF SUBMITTER:	KEXIN FU	
SIGNATURE:	/KEXIN FU/	
DATE SIGNED:	06/07/2023	

Total Attachments: 3

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PATENT 507946387 REEL: 063878 FRAME: 0974

COMBINED DECLARATION AND ASSIGNMENT

DECLARATION

As the below named inventors, I hereby declare that:				
This declaration is directed to:				
The attached application, or				
United States application 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 vention in the application.				
I hereby acknowledge that any willful false statement made in this declaration is unishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or oth.				
ASSIGNMENT				

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the below named inventors, each of the below named inventors, hereby sell and assign to **Yangtze Memory Technologies Co., Ltd.**, a corporation formed under the laws of China, whose mailing address is 18 Gaoxin 4th Road, East Lake High-Tech Development Zone, Wuhan, Hubei, China (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

- (a) in the invention(s) known as <u>METAL-DIELECTRIC BONDING METHOD AND STRUCTURE</u> for which application(s) for patent in the United States of America is identified above, in any and all applications thereon, in any and all Letters Patent(s) therefor, and
- (b) in any and all applications that claim the benefit of the patent application identified above in part (a), including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

PATENT REEL: 063878 FRAME: 0975 (c) in any and all inventions described in the patent application identified above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The below named inventors agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The below named inventors agree to execute all papers necessary in connection with any patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such patent enforcement action.

The below named inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The below named inventors hereby represent that he/she understands that the patent practitioners associated with CUSTOMER NUMBER 165026 are the legal representatives of, and attorneys for, the assignee, and are NOT the legal representatives of, and attorneys for, the inventors.

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his/her	IN WITNESS WHEREOF, executed r name.	by the below	named inventors on the date opposite		
LEGAL NAME OF INVENTOR					
Invent	tor: Siping HU	Date:	2020/4/16		
Signat	ture of Inventor: S. plug Hu				

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