PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6751576

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHULIANG NING	04/21/2021
JUN HE	04/14/2021
ZHAN YING	04/25/2021
JIE LIU	04/14/2021

RECEIVING PARTY DATA

Name:	CHANGXIN MEMORY TECHNOLOGIES, INC.		
Street Address: NO.388, XINGYE AVENUE, AIRPORT INDUSTRIAL PARK, ECONOMIC AND TECHNOLOGICAL DEVELOPMENT AREA,			
City:	HEFEI		
State/Country:	CHINA		
Postal Code:	230601		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17342492

CORRESPONDENCE DATA

Fax Number:

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: 415-576-0200

Email: liwang@kilpatricktownsend.com

Correspondent Name: KILPATRICK TOWNSEND & STOCKTON LLP - WES

Address Line 1: 1100 PEACHTREE STREET

Address Line 2: SUITE 2800

Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER:	107033-1244554(003200US)
NAME OF SUBMITTER:	LICCA WANG
SIGNATURE:	/Licca Wang/
DATE SIGNED:	06/08/2021

Total Attachments: 8

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Attorney Docket No.: 107033-1244554(003200US)
Client Ref. No.: P20200100US1

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

Title of	METHOD FOR READING AND WRITING AND MEMORY DEVICE		
Invention	ME: FIOD FOR READING AND WRITING AND MEMOR'S DEVICE		
As a below r	named inventor, I hereby declare that:		
This declara	tion		
Is directed to	p: 🗵 The attached application, or		
	☐ United States application or PCT international application		
	Numberfiled 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 faise 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.			

I hereby authorize and request my attorney or representative to insert here in parentheses (patent Application number $\frac{17/342,492}{}$, filed $\frac{\text{June }08,\,2021}{}$) the filing date and application number of said US application when known.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned inventor (hereinafter referred to as "ASSIGNOR"), do hereby:

SELL, ASSIGN AND TRANSFER to CHANGXIN MEMORY TECHNOLOGIES, INC., having a place of business at No. 388. Xingye Avenue, Airport Industrial Park, Economic and Technological Development Area, Hefel City, Anhui Province, China, (hereinafter referred to as "ASSIGNEE(S)") the entire right, title and interest for the United States and all foreign countries in and to any and all inventions which are disclosed in the above -identified application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, which is a continuation filing of PCT/CN2020/127978 filed on November 11, 2020; which in turn claims priority to 202010250063.8 filed on April 01, 2020; such applications and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such inventions; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such inventions to the Assignee;

Attorney Docket No.: 107033-1244554(003200US) Client Ref. No.:P20200100US 1

WARRANT AND COVENANT 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 the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such inventions; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such inventions and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such inventions in the Assignee, and for securing, maintaining and enforcing proper patent protection for such inventions;

TO BE BINDING on the heirs; assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the agents and attorneys of <u>Kilpatrick Townsend & Stockton LLP</u> the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

The assignment of said invention is effective as of the earlier of (1) the date of execution shown below or (2) the filing date of the first filed of said patent applications.

STATEMENTS

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part.

LEGAL NA	ME OF INVENTOR	and the second s	
Inventor:	NING, Shullang /	Date:	202/04/21
Signature:	Dunaly		*

Attorney Docket No.: 107033-1244554(003200US.)
Client Ref. No.:P20200100US.3

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

Title of	ASCRING FOR DEAPTHIC AND NUMBER OF AND ASCRESS PRINCE		
Invention	METHOD FOR READING AND WRITING AND MEMORY DEVICE		
As a below r	named inventor, I hereby declare that:		
This declara	tion		
Is directed to	p: 🗵 The attached application, or		
	☐ United States application or PCT international application		
	Numberfiled on		
The above-identified application was made or authorized to be made by me.			
I believe that the application	t I am the original inventor or an original joint inventor of a claimed invention in on.		
	nowledge that any willful false statement made in this declaration is under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years,		

I hereby authorize and request my attorney or representative to insert here in parentheses (patent Application number $\frac{17/342,492}{}$, filed $\frac{\text{Junc }08,\,2021}{}$) the filing date and application number of said US application when known.

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AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such inventions to the Assignee;

Attorney Docket No.: 107033-1244554(003200US)
Client Ref. No.:P20200100US:1

WARRANT AND COVENANT 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 the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such inventions; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such inventions and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such inventions in the Assignee, and for securing, maintaining and enforcing proper patent protection for such inventions;

TO BE BINDING on the heirs; assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

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I acknowledge the duty to disclose to the United States Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filling date of the continuation-in-part.

	ME OF INVENTOR		
Inventor:	HE, Jun	Date:	2021,4,14
Signature:	158		

Attorney Docket No.: 107033-1244554(003200US)
Client Ref. No.:P20200100US3

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

Title of	A CONTROL FOR DO A DIVICO AND NUMBERS OF A RUY A RUY CODA, EXPLICATE		
Invention	METHOD FOR READING AND WRITING AND MEMORY DEVICE		
As a below i	named inventor, I hereby declare that:		
This declara	tion		
Is directed to	p: ⊠ The attached application, or		
	☐ United States application or PCT international application		
	Numberfiled on		
The above-i	dentified 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.			

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned inventor (hereinafter referred to as "ASSIGNOR"), do hereby:

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AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such inventions to the Assignee;

Attorney Docket No.: 107033-1244554(003200US)

Client Ref. No.:P20200100US 1

WARRANT AND COVENANT 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 the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such inventions; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such inventions and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such inventions in the Assignee, and for securing, maintaining and enforcing proper patent protection for such inventions;

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LEGAL NAME	OF INVENTOR	2 ~ 1 /1	شده
Inventor:	YING, Zhan		<u> </u>
Signature:	YING	Zhan	***************************************

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

Title of	A STATION FOR DEADERS AND MEDITERS AND ASSAURT SOUTH		
Invention	METHOD FOR READING AND WRITING AND MEMORY DEVICE		
As a below named inventor, I hereby declare that:			
This declaration			
Is directed to: The attached application, or			
☐ United States application or PCT international application			
	Numberfiled 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			
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Attorney Docket No.: 107033-1244554(003200US)

Client Ref. No.: P20200100US 3

WARRANT AND COVENANT 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 the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such inventions; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such inventions and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such inventions in the Assignee, and for securing, maintaining and enforcing proper patent protection for such inventions;

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	NE OF INVENTOR	
Inventor:	LIU, Jie	Date:
Signature:	in 7	

RECORDED: 06/08/2021