PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7377986

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HONGWEN LI	06/06/2022
WEIBING SHANG	03/22/2022
LIANG ZHANG	06/06/2022

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17838143	

CORRESPONDENCE DATA

Fax Number: (608)334-4315

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: 6083344315

Email: fma@syncoda.com
Correspondent Name: SYNCODA LLC
Address Line 1: 208 EUPHORIA CIR

Address Line 4: CARY, NORTH CAROLINA 27519

ATTORNEY DOCKET NUMBER:	112200583-P20211769US1
NAME OF SUBMITTER:	FENG MA
SIGNATURE:	/Feng Ma/
DATE SIGNED:	06/10/2022

Total Attachments: 6

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PATENT 507331063 REEL: 060344 FRAME: 0750

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> PATENT REEL: 060344 FRAME: 0751

Attorney Docket No.: 112200583-P20211769US1

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

Title of	
MEM	
9 10	
invention (

As the below named inventor, I, hereinafter referred to as the undersigned, hereby declare that:

This declaration is directed to:

[XI]	the attached application, or
	United States Application or PCT International Application No
	filed on;
\boxtimes	Claims priority to Chinese Application No. 202111539915.6, filed 15 December 2021, all
	applications listed above being hereinafter referred to as the "application(s)";

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.

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

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 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 application.

Whereas, I have invented certain new and useful improvements in the application identified above; and

Whereas,

CHANGXIN MEMORY TECHNOLOGIES, INC. No. 388, Xingye Avenue, Airport Industrial Park, Economic And Technological Development Area, Hefei City, Anhui 230601, China

hereinafter referred to as Assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in the application identified above, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries:

Now, therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned has sold and assigned, and by these presents hereby sells

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Attorney Docket No.: 112200583-P20211769US1

and assigns, unto said assignee its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the invention identified above, including said application for United States Letters Patent, all divisional, renewal, substitute, continuation, nonprovisionals, continuation-inparts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

This Assignment is deemed to be effective at least as early as the earliest priority date.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment the application number and filing date and any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

LEGAL NAMI	E OF INVENTORS:		
Hon	en.	(Signature)	Date: 2012, 06.66.
Inventor: Hong	wen LI	'y'y	

Attorney Docket No.: 112200583-P20211769US1

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

Title of Inventi		MEMORY
As the b	elow n	amed inventor, I, hereinafter referred to as the undersigned, hereby declare that:
This dec	laratio	n is directed to:
	Jnited iled on	
⊠ (Claims pplica	priority to Chinese Application No. 202111539915.6 , filed 15 December 2021 , all tions listed above being hereinafter referred to as the "application(s)";
The abov	ve-ider	ntified application was made or authorized to be made by me.
l believe applicati		am the original inventor or an original joint inventor of a claimed invention in the
I hereby	ackno	wledge that any willful false statement made in this declaration is punishable

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

under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

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Whereas, I have invented certain new and useful improvements in the application identified above; and

Whereas.

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Now, therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned has sold and assigned, and by these presents hereby sells

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Attorney Docket No.: 112200583-P20211 769US1

and assigns, unto said assignee its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the invention identified above, including said application for United States Letters Patent, all divisional, renewal, substitute, continuation, nonprovisionals, continuation-inparts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assign ee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, licerise, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

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LEGAL NAME OF INVENTORS:		
weibing shang	(Signature)	Date: 2021.3.22
Inventor: Weibing SHANG	(5.3.5.7)	300 st. (0 1

Attorney Docket No.: 112200583-P2021 1769US1

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

Title of Invention	MEMORY
As the belo	w named inventor, I, hereinafter referred to as the undersigned, hereby declare that:
This declar	ation is directed to:
□ Uni	attached application, or ed States Application or PCT International Application No lon; ms priority to Chinese Application No. 202111539915.6, filed 15 December 2021, al
app	ications listed above being hereinafter referred to as the "application(s)";
The above-	dentified application was made or authorized to be made by me.
I believe the application	at I am the original inventor or an original joint inventor of a claimed invention in the
I hereby ac under 18 U	nowledge that any willful false statement made in this declaration is punishable S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
I hereby sta specificatio	te that I have reviewed and understand the contents of the above-identified it, including the claims, as amended by any amendment referred to above.
CFK 1.56, available be	ge the duty to disclose information which is material to patentability as defined in 37 neluding for continuation-in-part applications, material information which became tween the filing date of the prior application and the national or PCT international f the continuation-in-part application.
Whereas, I	nave invented certain new and useful improvements in the application identified

CHANGXIN MEMORY TECHNOLOGIES, INC. No. 388, Xingye Avenue, Airport Industrial Park, Economic And Technological Development Area, Hefei City, Anhui 230601, China

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Now, therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned has sold and assigned, and by these presents hereby sells

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above; and

Whereas,

Attorney Docket No.: 112200583-P2021 1769US1

and assigns, unto said assignee its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the invention identified above, including said application for United States Letters Patent, all divisional, renewal, substitute, continuation, nonprovisionals, continuation-inparts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

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LEGAL NAME OF INVENTORS:			
Liang ZHANG	_(Signature)	Date:	2022/6/6
Inventor: Liang ZHANG			

RECORDED: 06/10/2022