# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5038043

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SAN-TA KOW	07/03/2018
JINGHUI ZHU	07/03/2018
DIWAKAR CHOPPERLA	07/03/2018

### **RECEIVING PARTY DATA**

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City:	GUANGZHOU, GUANGDONG
State/Country:	CHINA
Postal Code:	510700

### **PROPERTY NUMBERS Total: 1**

Property Type	Number		
Application Number:	16028406		

## **CORRESPONDENCE DATA**

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**Correspondent Name: BYIP** 

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ATTORNEY DOCKET NUMBER:	ZDIPA-1805-USPT
NAME OF SUBMITTER:	CHARLES HO
SIGNATURE:	/Charles Ho/
DATE SIGNED:	07/06/2018

**Total Attachments: 3** 

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**PATENT REEL: 046277 FRAME: 0179** 

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ASSIGNMENT - Patent Application Docket Number: ZDIPA-1805-USPT						
Whereas, the Assignor, comprising the following named inventors:						
ASSIGNOR(s)/ INVENTOR(s)						
made an inventi	on entitled:	DATA PROCESS AND STORAGE	SING METHOD MEDIUM	AND DEVICE FOR NO	NVOLATILE MEMORY	
for which an app (Select one of the		Letters Patent of th	e United States	¥.		
is executed concurrently herewith was filed in the U.S. Patent and Trademark Office on, as U.S. Patent Application Serial No.:						
		Gowin Semicond	uctor Corpora	tion	error error error er er er er error er	
ASSIGNEE (Full Name, Add Country)	lress and	Rm 1001, 10/F, Block A5, Science Avenue, No. 243, Science City Headquarters Economic Zone, Huangpu District, Guangzhou, Guangdong 510700				
		China				
is desirous of ac obtained therefo		entire right, title and	d interest in and	I to said invention and th	ie Letters Patent to be	
One Dollar (\$1.0 acknowledged, a successors and for Letters Pater rights to claim processors.)	00), and for Assignor, in assigns, the nt for said in riority based	other good and valu tending to be legally e full and exclusive evention, including a	uable considera y bound, hereb right, title and in ill divisions, con etters Patent, in	cluding reissues, to be o	n is hereby sfers to Assignee, its rention, all applications ations-in-part thereof, all	
Assignormade or entered	r hereby wa I into which	rrants that no assig would conflict with	nment, sale, aç this Assignmen	preement or encumbrand t	e has been or will be	
Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.						
In witness whereof, this Assignment is executed on the day indicated below.						
i	Typed or	Printed Name	Sig	ınature	Date	
SIGNATURE	Sar	ı-Ta Kow	x/2	7/2	X 2018 7 2	

ACCION	A/CNIT	Potent Any	dication			
ASSIGNMENT - Patent Application Docket Number: ZDIPA-1805-USPT						
Whereas, the As	signor, cor	nprising the follow	ing named inv	entors:	**	
ASSIGNOR(s)/ INVENTOR(s)						
made an inventio	on entitled:	DATA PROCES AND STORAGE		DD AND DEVIC	E FOR NONVOLATILE MEMORY	
for which an app (Select one of the		Letters Patent of t	he United Sta	tes:		
was filed in	the U.S. F	ntly herewith Patent and Tradem ation Serial No.: _		1,		
		Gowin Semicon	ductor Corpo	ration		
			ence Avenue, No. 243, Science City e, Huangpu District, Guangzhou, Guangdong			
		China	*****	· · · · · · · · · · · · · · · · · · ·		
is desirous of accordance obtained therefor		entire right, title ar	nd interest in a	and to said inve	ntion and the Letters Patent to be	
Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged. Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.						
Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.						
Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.						
In witness whereof, this Assignment is executed on the day indicated below.						
	Typed or	Printed Name	ļ	Signature	Date	
SIGNATURE	Jin	ghui Zhu	× /	探辉	× 2018.7.3	

{ZDIPA-1805-USPT/00798859v1}

PATENT REEL: 046277 FRAME: 0181

ASSIGN	MENT	- Patent Appl	ication	Docket Number: ZDIPA	-1805-USPT	
Whereas, the Assignor, comprising the following named inventors:						
ASSIGNOR(s)/ INVENTOR(s)						
made an invent	ion entitled:	DATA PROCESS AND STORAGE I		AND DEVICE FOR NON	VOLATILE MEMORY	
for which an app (Select one of the		Letters Patent of the	e United State			
is executed concurrently herewith was filed in the U.S. Patent and Trademark Office on, as U.S. Patent Application Serial No.:						
	:-:: <del>**********************************</del>	Gowin Semicondi	uctor Corpora	ttion		
ASSIGNEE (Full Name, Address and Country)  Rm 1001, 10/F, Block A5, Science Avenue, No. 243, Science City Headquarters Economic Zone, Huangpu District, Guangzhou, Guangdo 510700						
	·····	China	***************************************	· · · · · · · · · · · · · · · · · · ·		
is desirous of ac obtained therefo		entire right, title and	l interest in an	d to said invention and the	Letters Patent to be	
Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.						
Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.						
Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.						
In witness whereof, this Assignment is executed on the day indicated below.						
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SIGNATURE	Diwaka	ır Chopperia	χ ζn		Y ~ 7 7	

Diwakar Chopperla X C Diwakos × 2018.7.3

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**PATENT REEL: 046277 FRAME: 0182** 

**RECORDED: 07/06/2018**