

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: PATI928470

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Dr. Guobiao ZHANG	09/13/2016
RECEIVING PARTY DATA	
Company Name:	HangZhou HaiCun Information Technology Co., Ltd.
Street Address:	Room 699, Unit 81, 6th Floor, Building 2E
Internal Address:	688 BinAn Road, BinJiang District
City:	HangZhou
State/Country:	CHINA
Postal Code:	310051
PROPERTY NUMBERS Total: 6	
Property Type	Number
Patent Number:	9093153
Patent Number:	9299390
Patent Number:	9123393
Patent Number:	9396764
Patent Number:	9305604
Patent Number:	9293509
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Phone:	510-685-2248
Email:	guobiao_zhang@hotmail.com
Correspondent Name:	Dr. Guobiao ZHANG
Address Line 1:	4628 POST LN
Address Line 4:	ROUND ROCK, TEXAS 78681-2091
ATTORNEY DOCKET NUMBER:	5M2a+5M6+5M7+5M7C+5M8+5P4
NAME OF SUBMITTER:	Dr. Guobiao ZHANG
SIGNATURE:	/Dr. Guobiao ZHANG/
DATE SIGNED:	04/02/2025

Total Attachments: 10

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ASSIGNMENT OF PATENT

Whereas, Guobiao ZHANG of Corvallis, OR (hereafter referred to as assignor) is transferring ownership of U.S. Patent No. 9,093,153 for Three-Dimensional Memory Comprising Discrete Read/Write-Voltage Generator Die.

Whereas, HangZhou HaiCun Information Technology Co., Ltd. of HangZhou, ZheJiang, CHINA and her or his successors or assigns (hereafter referred to as assignee) is desirous of acquiring the entire right, title and interest in said patent.

Now, therefore, assignor sells, assigns, transfers, and sets over unto said assignee the entire right, title and interest in aforesaid patent to the full end of the term for said patent.

By:



Guobiao ZHANG

Date: Sep. 13, 2016

ASSIGNMENT OF PATENT

Whereas, Guobiao ZHANG of Corvallis, OR (hereafter referred to as assignor) is transferring ownership of U.S. Patent No. 9,299,390 for Discrete Three-Dimensional Vertical Memory Comprising Off-Die Voltage Generator.

Whereas, HangZhou HaiCun Information Technology Co., Ltd. of HangZhou, ZheJiang, CHINA and her or his successors or assigns (hereafter referred to as assignee) is desirous of acquiring the entire right, title and interest in said patent.

Now, therefore, assignor sells, assigns, transfers, and sets over unto said assignee the entire right, title and interest in aforesaid patent to the full end of the term for said patent.

By: 

Guobiao ZHANG

Date: Sep. 13, 2016

ASSIGNMENT OF PATENT

Whereas, Guobiao ZHANG of Corvallis, OR (hereafter referred to as assignor) is transferring ownership of U.S. Patent No. 9,123,393 for Discrete Three-Dimensional Vertical Memory.

Whereas, HangZhou HaiCun Information Technology Co., Ltd. of HangZhou, ZheJiang, CHINA and her or his successors or assigns (hereafter referred to as assignee) is desirous of acquiring the entire right, title and interest in said patent.

Now, therefore, assignor sells, assigns, transfers, and sets over unto said assignee the entire right, title and interest in aforesaid patent to the full end of the term for said patent.

By:



Guobiao ZHANG

Date: Sep. 13, 2016

ASSIGNMENT OF PATENT

Whereas, Guobiao ZHANG of Corvallis, OR (hereafter referred to as assignor) is transferring ownership of U.S. Patent No. 9,396,764 for Discrete Three-Dimensional Memory.

Whereas, HangZhou HaiCun Information Technology Co., Ltd. of HangZhou, ZheJiang, CHINA and her or his successors or assigns (hereafter referred to as assignee) is desirous of acquiring the entire right, title and interest in said patent.

Now, therefore, assignor sells, assigns, transfers, and sets over unto said assignee the entire right, title and interest in aforesaid patent to the full end of the term for said patent.

By:



Guobiao ZHANG

Date: Sep. 13, 2016

ASSIGNMENT OF PATENT

Whereas, Guobiao ZHANG of Corvallis, OR (hereafter referred to as assignor) is transferring ownership of U.S. Patent No. 9,305,604 for Discrete Three-Dimensional Vertical Memory Comprising Off-Die Address/Data-Translator.

Whereas, HangZhou HaiCun Information Technology Co., Ltd. of HangZhou, ZheJiang, CHINA and her or his successors or assigns (hereafter referred to as assignee) is desirous of acquiring the entire right, title and interest in said patent.

Now, therefore, assignor sells, assigns, transfers, and sets over unto said assignee the entire right, title and interest in aforesaid patent to the full end of the term for said patent.

By: 
Guobiao ZHANG

Date: Sep. 13, 2016

Assignment of Invention and Patent Application

Guobiao ZHANG of Corvallis, OR (hereinafter ASSIGNOR), hereby sells, assigns, transfers, and sets over unto ChengDu HaiCun IP Technology LLC of ChengDu, SiChuan, CHINA and her or his successors or assigns (hereinafter ASSIGNEE) the following:

(A) ASSIGNOR's right, title, and interest in and to the invention entitled "Small-Grain Three-Dimensional Memory" invented by ASSIGNOR;

(B) the application for United States patent therefor, U.S. Patent and Trademark Office Serial Number 13/848,018, filed on March 20, 2013;

(C) any patent or reissues of any patent that may be granted thereon.

ASSIGNOR agrees to execute all papers, give any required testimony, and perform other lawful acts, at ASSIGNEE's expense, as ASSIGNEE may require to enable ASSIGNEE to perfect ASSIGNEE's interest in any resulting patent of the United States, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues thereof, and ASSIGNEE's interest therein.

In testimony whereof ASSIGNOR has hereunto set its hand and seal on the date below.

Signature:



Date: Jan. 22, 2015

Printed Name: Guobiao ZHANG

Title: Inventor

Assignment of Invention and Patent Application

Bin YU of HangZhou, CN (hereinafter ASSIGNOR), hereby sells, assigns, transfers, and sets over unto ChengDu HaiCun IP Technology LLC of ChengDu, SiChuan, CHINA and her or his successors or assigns (hereinafter ASSIGNEE) the following:

(A) ASSIGNOR's right, title, and interest in and to the invention entitled "Small-Grain Three-Dimensional Memory" invented by ASSIGNOR;

(B) the application for United States patent therefor, U.S. Patent and Trademark Office Serial Number 13/848,018, filed on March 20, 2013;

(C) any patent or reissues of any patent that may be granted thereon.

ASSIGNOR agrees to execute all papers, give any required testimony, and perform other lawful acts, at ASSIGNEE's expense, as ASSIGNEE may require to enable ASSIGNEE to perfect ASSIGNEE's interest in any resulting patent of the United States, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues thereof, and ASSIGNEE's interest therein.

In testimony whereof ASSIGNOR has hereunto set its hand and seal on the date below.

Signature: _____



Printed Name: Bin YU

Date: Jan. 22, 2015

Title: Inventor

Assignment of Invention and Patent Application

HongYu YU of ShenZhen, CN (hereinafter ASSIGNOR), hereby sells, assigns, transfers, and sets over unto ChengDu HaiCun IP Technology LLC of ChengDu, SiChuan, CHINA and her or his successors or assigns (hereinafter ASSIGNEE) the following:

(A) ASSIGNOR's right, title, and interest in and to the invention entitled "Small-Grain Three-Dimensional Memory" invented by ASSIGNOR;

(B) the application for United States patent therefor, U.S. Patent and Trademark Office Serial Number 13/848,018, filed on March 20, 2013;

(C) any patent or reissues of any patent that may be granted thereon.

ASSIGNOR agrees to execute all papers, give any required testimony, and perform other lawful acts, at ASSIGNEE's expense, as ASSIGNEE may require to enable ASSIGNEE to perfect ASSIGNEE's interest in any resulting patent of the United States, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues thereof, and ASSIGNEE's interest therein.

In testimony whereof ASSIGNOR has hereunto set its hand and seal on the date below.

Signature: _____



Date: Jan. 22, 2015

Printed Name: HongYu YU

Title: Inventor

Assignment of Invention and Patent Application

JinFeng KANG of BeiJing, CN (hereinafter ASSIGNOR), hereby sells, assigns, transfers, and sets over unto ChengDu HaiCun IP Technology LLC of ChengDu, SiChuan, CHINA and her or his successors or assigns (hereinafter ASSIGNEE) the following:

(A) ASSIGNOR's right, title, and interest in and to the invention entitled "Small-Grain Three-Dimensional Memory" invented by ASSIGNOR;

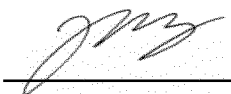
(B) the application for United States patent therefor, U.S. Patent and Trademark Office Serial Number 13/848,018, filed on March 20, 2013;

(C) any patent or reissues of any patent that may be granted thereon.

ASSIGNOR agrees to execute all papers, give any required testimony, and perform other lawful acts, at ASSIGNEE's expense, as ASSIGNEE may require to enable ASSIGNEE to perfect ASSIGNEE's interest in any resulting patent of the United States, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues thereof, and ASSIGNEE's interest therein.

In testimony whereof ASSIGNOR has hereunto set its hand and seal on the date below.

Signature: _____



Date: Jan. 22, 2015

Printed Name: JinFeng KANG

Title: Inventor

Assignment of Invention and Patent Application

ZhiWei LIU of ChengDu, CN (hereinafter ASSIGNOR), hereby sells, assigns, transfers, and sets over unto ChengDu HaiCun IP Technology LLC of ChengDu, SiChuan, CHINA and her or his successors or assigns (hereinafter ASSIGNEE) the following:

(A) ASSIGNOR's right, title, and interest in and to the invention entitled "Small-Grain Three-Dimensional Memory" invented by ASSIGNOR;

(B) the application for United States patent therefor, U.S. Patent and Trademark Office Serial Number 13/848,018, filed on March 20, 2013;

(C) any patent or reissues of any patent that may be granted thereon.

ASSIGNOR agrees to execute all papers, give any required testimony, and perform other lawful acts, at ASSIGNEE's expense, as ASSIGNEE may require to enable ASSIGNEE to perfect ASSIGNEE's interest in any resulting patent of the United States, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues thereof, and ASSIGNEE's interest therein.

In testimony whereof ASSIGNOR has hereunto set its hand and seal on the date below.

Signature: Zhiwei Liu

Date: Jan. 22, 2015

Printed Name: Zhiwei LIU

Title: Inventor