504290923 03/27/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4337603

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	DATA				
		Name	Execution Date		
SHAN SUN			02/25/2016		
RECEIVING PARTY D	ΑΤΑ				
Name:	Cypress	Cypress Semiconductor Corporation			
Street Address:	198 Cha	198 Champion Court			
City:	San Jos	San Jose			
State/Country:	CALIFO	RNIA			
Postal Code:	95134				
Property Type Application Number:		Number 15351268	_		
Application Number:		15351268			
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CORRESPONDENCE Fax Number:		408)545-6911			
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Fax Number: Correspondence will) be sent to if provided	<i>the e-mail address first; if that is un</i> ; <i>if that is unsuccessful, it will be se</i> 408-943-6878			
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Fax Number: <i>Correspondence will</i> <i>using a fax number, i</i> Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET I NAME OF SUBMITTER SIGNATURE:	(be sent to if provided; 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3	the e-mail address first; if that is un ; if that is unsuccessful, it will be set t08-943-6878 kalktmp1@cypress.com CYPRESS SEMICONDUCTOR CORF 198 CHAMPION COURT SAN JOSE, CALIFORNIA 95134 CD15053C1 KIN HUNG LAI /Kin Hung Lai Reg. No. 69251/ 03/27/2017	ent via US Mail.		

ASSIGNMENT OF PATENT APPLICATION

Attorney Docket No.: CD15053

For good and valuable consideration, the receipt and sufficiency of which is hereby

acknowledged, I/we, the undersigned, Shan Sun

hereby sell, assign, and transfer to Cypress Semiconductor Corporation

a <u>corporation</u> of <u>Delaware</u> (Type of Assignee: e.g., corporation, company, partnership, university, etc.)

having a principal place of business at 198 Champion Court, San Jose, California 95134-1709

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled

METHOD FOR FABRICATING FERROELECTRIC RANDOM-ACCESS MEMORY ON PRE-PATTERNED BOTTOM ELECTRODE AND

said patent application also identified as follows (when known): **OXIDATION BARRIER**

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number ______filed_____,

and in and to said application (provisional or non-provisional) and all provisional applications, nonprovisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications. nonprovisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

Rev. 8/03/2011

covenant with said Assignee, its successors, assigns, and legal representatives that no
assignment, grant, mortgage, license, or other agreement affecting the rights and property herein
conveyed has been made to others by the undersigned, and that full right to convey the same as
herein expressed is possessed by the undersigned.

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- ∂/≥∕_ Date	, 20 <u></u> _	Signature
		Shan Sun
		Printed/Typed Name
Date	_, 20	Signature
		Printed/Typed Name
Date	_, 20	Signature
		Printed/Typed Name
		198 Champion Court San Jose, CA 95134 (408) 545-7194