504572576 09/29/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KRISHNASWAMY RAMKUMAR	06/21/2012
FREDRICK JENNE	06/21/2012

RECEIVING PARTY DATA

Name:	Cypress Semiconductor Corporation	
Street Address:	198 Champion Court	
City:	San Jose	
State/Country:	CALIFORNIA	
Postal Code:	95134	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15663413

CORRESPONDENCE DATA

Fax Number: (408)545-6911

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: cmrl@cypress.com, patents@cypress.com

Correspondent Name: CYPRESS SEMICONDUCTOR CORPORATION

Address Line 1: 198 CHAMPION COURT

Address Line 4: SAN JOSE, CALIFORNIA 95134

ATTORNEY DOCKET NUMBER:	PM09001C4
NAME OF SUBMITTER:	CHRISTOPHER JORDAN
SIGNATURE:	/Christopher Jordan/
DATE SIGNED:	09/29/2017

Total Attachments: 4

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PATENT 504572576 REEL: 043739 FRAME: 0432

ASSIGNMENT OF PATENT APPLICATION	Attorney Docket No.: PM09001
For good and valuable consideration, the receipt and sufficiency of which is hereby	
acknowledged, I/we, the undersigned, Fredrick Jenne, Krishn	aswamy Ramkumar
hereby sell, assign, and transfer to <u>Cypress Semiconduct</u>	tor Corporation
a corporation	of <u>Delaware</u> .
(Type of Assignee: e.g., corporation, company, partnership, university, e	tc.)
having a principal place of business at 198 Champion Cou	rt, San Jose, California 95134-1709
("Assignee"), and its successors, assigns, and legal represe for the United States and all foreign countries, in and to any are disclosed in the application (provisional or non-provision have a declaration executed by the undersigned prior hereto	and all inventions or improvements that hall for the United States patent which may
SONOS Stack With Split Nitride Memory Layer	F
said patent application also identified as follows (when know	vn):
[I/we hereby authorize an attorney or agent for said number and filing date of said patent application wh	Assignee to insert below the application en known.]
United States Patent Application Number <u>12/767,105</u>	filed <u>04-26-2010</u>
and in and to said application (provisional or non-provisional provisional applications, utility applications, design applications applications, continued prosecution applications, continuated applications, renewal applications, reissue applications, ree patent applications that have been or shall be filed in the Ur any of said inventions or improvements; and in and to all or reexamination certificates, and extensions, that have been all foreign countries on said inventions or improvements; and from the filing of said United States application;	ons, divisional applications, continuation on-in-part applications, substitute xaminations, extensions, and all other nited States and all foreign countries on iginal patents, reissued patents, or shall be issued in the United States and
agree that said Assignee may apply for and receive improvements in its own name; and that, when requested, we said Assignee, its successors, assigns, and legal represents and purpose of this Assignment, the undersigned will execut provisional applications, utility applications, design applications, continued prosecution applications, continuated applications, renewal applications, reissue applications, ree patent applications on any and all said inventions or improve assignments, powers of attorney, and other papers; commutassigns, and representatives all facts known to the undersign improvements and the history thereof; and generally assists representatives in securing and maintaining proper patent provements and for vesting title to said inventions or improvements, in said all patents on said inventions or improvements, in said all gal representatives; and	without charge to, but at the expense of, atives, to carry out in good faith the intent lite all provisional applications, nonons, divisional applications, continuation on-in-part applications, substitute examinations, extensions, and all other ements; execute all rightful oaths, unicate to said Assignee, its successors, and relating to said inventions or said Assignee, its successors, assigns, or protection for said inventions or covernents, and all applications for patents

- 1 -

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.

, 20	
Date	Signature
	Fredrick Jenne
	Printed/Typed Name
June 21, 2012	Printed/Typed Name Kraeecee
Date	Signature
	Krishnaswamy Ramkumar
	Printed/Typed Name
, 20	
Date	Signature
	Printed/Typed Name

Each Inventor: Please Sign and Date Below:

Assignment Document Return Address:
CYPRESS SEMICONDUCTOR CORPORATION
198 Champion Court
San Jose, CA 95134
(408) 545-7194

ASSIGNMENT OF PATENT APPLICATION	Attorney Docket No.: PM09001
For good and valuable consideration, the receipt and	d sufficiency of which is hereby
acknowledged, I/we, the undersigned, Fredrick Jenne, Krishr	naswamy Ramkumar
	t <u></u>
hereby sell, assign, and transfer to <u>Cypress Semiconduc</u>	tor Corporation
a <u>corporation</u> (Type of Assignee: e.g., corporation, company, partnership, university, e	of <u>Delaware</u>
having a principal place of business at 198 Champion Cou	urt, San Jose, California 95134-1709
("Assignee"), and its successors, assigns, and legal representation for the United States and all foreign countries, in and to any are disclosed in the application (provisional or non-provision have a declaration executed by the undersigned prior heret	and all inventions or improvements that nal) for the United States patent which may
SONOS Stack With Split Nitride Memory Layer	r
said patent application also identified as follows (when know	wn):
[I/we hereby authorize an attorney or agent for said number and filing date of said patent application wh	
United States Patent Application Number12/767,105	filed <u>04-26-2010</u> ,
and in and to said application (provisional or non-provisional provisional applications, utility applications, design applications applications, continued prosecution applications, continuated applications, renewal applications, reissue applications, ree patent applications that have been or shall be filed in the Utany of said inventions or improvements; and in and to all or reexamination certificates, and extensions, that have been all foreign countries on said inventions or improvements; are from the filing of said United States application;	ions, divisional applications, continuation on-in-part applications, substitute examinations, extensions, and all other nited States and all foreign countries on iginal patents, reissued patents, or shall be issued in the United States and
agree that said Assignee may apply for and receive improvements in its own name; and that, when requested, we said Assignee, its successors, assigns, and legal represent and purpose of this Assignment, the undersigned will execut provisional applications, utility applications, design applications, continued prosecution applications, continuation applications, renewal applications, reissue applications, respected applications on any and all said inventions or improvements, powers of attorney, and other papers; communications, and representatives all facts known to the undersign improvements and the history thereof; and generally assist representatives in securing and maintaining proper patent provements and for vesting title to said inventions or improvements, in said legal representatives; and	without charge to, but at the expense of, satives, to carry out in good faith the intent ute all provisional applications, non-ions, divisional applications, continuation on-in-part applications, substitute examinations, extensions, and all other rements; execute all rightful oaths, unicate to said Assignee, its successors, gned relating to said inventions or said Assignee, its successors, assigns, or protection for said inventions or rovements, and all applications for patents

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.

Each Inventor: Please Sign and Date Below:

6/2/ Date	, 20 <u>/2</u>	Tredition B. J. Signature
		Fredrick Jenne
		Printed/Typed Name
	_, 20	
Date		Signature
		Krishnaswamy Ramkumar
		Printed/Typed Name
	, 20	
Date		Signature
		Printed/Typed Name

Assignment Document Return Address: CYPRESS SEMICONDUCTOR CORPORATION 198 Champion Court San Jose, CA 95134 (408) 545-7194