504444398 07/06/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4491099

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WENDY YU	06/21/2017
KAMESH MEDAPALLI	06/21/2017
PATRICK CRUISE	06/21/2017
HONGWEI KONG	06/30/2017
YAN LI	06/20/2017

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:	15631922

CORRESPONDENCE DATA

Fax Number: (408)545-6911

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: 408-943-6878

Email: kalktmp1@cypress.com

Correspondent Name: CYPRESS SEMICONDUCTOR CORPORATION

Address Line 1: 198 CHAMPION COURT

Address Line 4: SAN JOSE, CALIFORNIA 95134

ATTORNEY DOCKET NUMBER: CD17004		
NAME OF SUBMITTER:	KIN HUNG LAI	
SIGNATURE:	/Kin Hung Lai Reg. No. 69251/	
DATE SIGNED:	07/06/2017	

Total Attachments: 7

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PATENT REEL: 042916 FRAME: 0911

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PATENT REEL: 042916 FRAME: 0912

ASSIGNMENT OF PATENT APPLICATION	Attorney Docket No.: CD17004
For good and valuable consideration, the receipt an	nd sufficiency of which is hereby
acknowledged, I/we, the undersigned, Yan Li, Wendy Yu, Ka	amesh Medapalli, Hongwei Kong, Patrick
hereby sell, assign, and transfer to <u>Cypress Semiconduc</u>	ctor Corporation
a <u>corporation</u> (Type of Assignee: e.g., corporation, company, partnership, university, e	etc.) of <u>Delaware</u> ,
having a principal place of business at 198 Champion Co.	urt, San Jose, California 95134-1709
("Assignee"), and its successors, assigns, and legal repres for the United States and all foreign countries, in and to any are disclosed in the application (provisional or non-provisio have a declaration executed by the undersigned prior heret	y and all inventions or improvements that nal) for the United States patent which may to or concurrently herewith and is entitled
SPUR CANCELLATION SYSTEM FOR MODE	<u>EMS</u>
said patent application also identified as follows (when known	wn):
[I/we hereby authorize an attorney or agent for said number and filing date of said patent application whereby	Assignee to insert below the application nen known.]
United States Patent Application Number	filed,
and in and to said application (provisional or non-provisional provisional applications, utility applications, design applications applications, continued prosecution applications, continuation applications, renewal applications, reissue applications, ree patent applications that have been or shall be filed in the Urany 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; ar 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, waid Assignee, its successors, assigns, and legal represent and purpose of this Assignment, the undersigned will execuprovisional applications, utility applications, design applications applications, continued prosecution applications, continuation applications, renewal applications, reissue applications, ree patent applications on any and all said inventions or improvassignments, powers of attorney, and other papers; communassigns, 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	without charge to, but at the expense of, atives, 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

- 1 -

legal representatives; and

Rev. 8/03/2011

Each Inventor: Please Sign and Date Below:

	. 20	
Date		Signature
		Yan Li
		Printed/Typed Name
06/21	_, 20_17_	wef
Date		Signature
		Wendy Yu
		Psinted/Typed Name
5 /21	20 17	\mathbf{N}
Date	····	Signature
		Kamesh Medapalli
		Printed/Typed Name

٩	SSIGNMENT OF PATENT APPLICATION Attorney Docket No.: CD17004
	For good and valuable consideration, the receipt and sufficiency of which is hereby
	acknowledged, I/we, the undersigned, Yan Li, Wendy Yu, Kamesh Medapalli, Hongwei Kong, Patrick
	hereby sell, assign, and transfer to <u>Cypress Semiconductor Corporation</u>
	a <u>corporation</u> of <u>Delaware</u> , (Type of Assignee: e.g., corporation, company, partnership, university, etc.)
	(Type of Assignee: e.g., corporation, company, partiership, 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
	SPUR CANCELLATION SYSTEM FOR MODEMS
	said patent application also identified as follows (when known):
	[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 Numberfiled,
	and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional 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, non-provisional 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

-1-

legal representatives; and

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

Rev. 8/03/2011

. 20	
Date	Signature
	Hongwei Kong
	Printed/Typed Name
Girl , 20 17	
Date	Signature
	Patrick Cruise
	Printed/Typed Name
Date	Signature
	Printed/Typed Name

Each Inventor: Please Sign and Date Below:

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June 30 , 20 17	
Date	Signature
	Hongwei Kong
	Printed/Typed Name
	#
Date	Signature
	Patrick Cruise
	Printed/Typed Name
Date	Signature
	Printed/Typed Name
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ASSIGNMENT OF PATENT APPLICATION	Attorney Docket No.: CD17004
For good and valuable consideration, the receipt a	nd sufficiency of which is hereby
acknowledged, I/we, the undersigned, Yan Li, Wendy Yu, K	Kamesh Medapalli, Hongwei Kong, Patricka
hereby sell, assign, and transfer to <u>Cymess Semicondu</u>	actor Corsoration
a <u>corporation</u> (Type of Assignee: e.g., corporation, company, partnership, university,	of <u>Delaware</u>
having a principal place of business at 198 Champion Co	ourt, San Jose, California 95134-1709
("Assignee"), and its successors, assigns, and legal repret for the United States and all foreign countries, in and to an are disclosed in the application (provisional or non-provision have a declaration executed by the undersigned prior here	ny and all inventions or improvements that onal) for the United States patent which may
SPUR CANCELLATION SYSTEM FOR MOD	EMS
said patent application also identified as follows (when kno	
[i/we hereby authorize an attorney or agent for said number and filing date of said patent application w	d Assignee to insert below the application
United States Patent Application Number	filed,
and in and to said application (provisional or non-provision provisional applications, utility applications, design applications, continued prosecution applications, continual applications, renewal applications, reissue applications, repatent applications that have been or shall be filed in the Lany 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; a from the filing of said United States application;	ations, divisional applications, continuation tion-in-part applications, substitute examinations, extensions, and all other United States and all foreign countries on original patents, a or shall be issued in the United States and
agree that said Assignee may apply for and received improvements in its own name; and that, when requested, said Assignee, its successors, assigns, and legal represent and purpose of this Assignment, the undersigned will execute provisional applications, utility applications, design applications, applications, continued prosecution applications, continuat applications, renewal applications, reissue applications, repatent applications on any and all said inventions or improvassignments, powers of attorney, and other papers; commassigns, and representatives all facts known to the unders improvements and the history thereof; and generally assist representatives in securing and maintaining proper patent improvements and for vesting title to said inventions or impand all patents on said inventions or improvements, in said legal representatives; and	without charge to, but at the expense of, ntatives, to carry out in good faith the intent cute all provisional applications, non-tions, divisional applications, continuation tion-in-part applications, substitute examinations, extensions, and all other examinations, extensions, and all other examinations of the said Assignee, its successors, signed relating to said inventions or protection for said inventions or protection for said inventions or provements, and all applications for patents

Rev. 8/03/2011

Each Inventor: Please Sign and Date Below:

Juge 20, 20 17	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Date	Signature
	Yan Li
	Printed/Typed Name
, 20 Date	Signature
	Wendy Yu
	Printed/Typed Name
, 20 Date	
	Signature
	Kamesh Medapalli
	Printed/Typed Name