PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4613037

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ASHUTOSH PANDEY	06/21/2017
NHAN TRAN	06/21/2017
JAMES WIHARDHA	06/22/2017
JIE LAI	07/08/2017
DURAI THIRUPATHI	09/26/2017

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:	15631733

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.

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Correspondent Name: CYPRESS SEMICONDUCTOR CORPORATION

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Address Line 4: SAN JOSE, CALIFORNIA 95134

ATTORNEY DOCKET NUMBER: CD16088	
NAME OF SUBMITTER: CHRISTOPHER JORDAN	
SIGNATURE: /Christopher Jordan/	
DATE SIGNED:	09/26/2017

Total Attachments: 5

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PATENT REEL: 043705 FRAME: 0719

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PATENT REEL: 043705 FRAME: 0720

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ASSIGNMENT OF PATENT APPLICATION	Attorney Docket No.: CD16088
For good and valuable consideration, the receipt and	d sufficiency of which is hereby
acknowledged, I/we, the undersigned, Ashutosh Pandey, N	han Tran, Jie Lai, James Wihardja and
<u>Durai Thirupathi,</u>	
hereby sell, assign, and transfer to <u>Cypress Semiconductor</u>	or Corporation
a corporation	of Delever
(Type of Assignee: e.g., corporation, company, partnership, university, e	of <u>Delaware</u> , htc.)
having a principal place of business at 198 Champion Cou	urt, 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
ESTIMATING ANGLE MEASUREMENTS FOR SOURCE	TRACKING USING A PHASED ARRAY
SYSTEM	
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 who	
United States Patent Application Number 15/631,733 f	iled 6/23/2017
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, reexpatent applications that have been or shall be filed in the Unany of said inventions or improvements; and in and to all original reexamination certificates, and extensions, that have been or 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 kaminations, extensions, and all other lited States and all foreign countries on ginal patents, reissued patents, or shall be issued in the United States and
agree that said Assignee may apply for and receive a improvements in its own name; and that, when requested, w said Assignee, its successors, assigns, and legal representa and purpose of this Assignment, the undersigned will execut provisional applications, utility applications, design applications.	vithout charge to, but at the expense of, atives, to carry out in good faith the intent te all provisional applications, non-

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 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

PATENT REEL: 043705 FRAME: 0721

Each Inventor: Please Sign and Date Below:

Date

Date	Ashutosh Pandey
1/21/17	Wholeyapt
Date	Nhan Tran
Date	Jie Lai
Date	James Wihardha

Assignment Document Return Address: Cypress Semiconductor Corporation 198 Champion Court San Jose, California 95134-1709

Durai Thirupathi

	Ashutosh Pandey
Date	Nhan Tran
Date	Jie Lai
6/22-2017 Date	James Wihardha
Date	Duraí Thirunathi

Each Inventor: Please Sign and Date Below:

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Data	20	Cianabira
Date		Signature
		Ashutosh Pandey
		Printed/Typed Name
	20	
Date		Signature
		Nhan Tran
		Printed/Typed Name
7/68	20_/2	
Date	1 174	Signature
		Jie Lai
		Printed/Typed Name

Each Inventor: Please Sign and Date Below:

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. 20	
Date	Signature
	James Wihardja
	Printed/Typed Name
Sep 26, 2017	In the same
Date	Signature
	Durai Thirupathi
	Printed/Typed Name
. 20	
Date	Signature
	Printed/Typed Name
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Each Inventor: Please Sign and Date Below:

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