505303624 01/30/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5350404

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SANJAY DABRAL	01/23/2019
DAVID A. SECKER	01/25/2019
JUN ZHAI	01/28/2019
RALF M. SCHMITT	01/25/2019
VIDHYA RAMACHANDRAN	01/28/2019
WENJIE MAO	01/23/2019

RECEIVING PARTY DATA

Name:	APPLE INC.
Street Address:	ONE APPLE PARK WAY
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16231904

CORRESPONDENCE DATA

Fax Number: (720)815-3362

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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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Address Line 2: SUITE 206

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ATTORNEY DOCKET NUMBER:	026057.P36644US1
NAME OF SUBMITTER:	SHANNON SERRANO
SIGNATURE:	/Shannon Serrano/
DATE SIGNED:	01/30/2019

PATENT REEL: 048188 FRAME: 0103 505303624

Total Attachments: 3 source=P36644US1_Executed_Assignment#page1.tif

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PATENT REEL: 048188 FRAME: 0104

ASSIGNMENT OF PATENT APPLICATION Attorney Docket No.: 026057.P36644US1
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Sanjay Dabral, David A. Secker, Jun Zhai, Ralf M. Schmitt, Vidhya Ramachandran
Wenjie Mao. hereby sell, assign, and transfer to Apple Inc.
a <u>corporation</u> of <u>California</u> , (Type of Assignee: e.g., corporation, company, partnership, university, etc.)
having a principal place of business at One Apple Park Way, Cupertino, CA, 95014
("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 for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled
POWER MANAGEMENT SYSTEM SWITCHED CAPACITOR VOLTAGE REGULATOR WITH INTEGRATED PASSIVE DEVICE
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 Number 16/231,904 filed December 24, 2018
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

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 improvements and for vesting title to said inventions or improvements, and all

States application:

PATENT REEL: 048188 FRAME: 0105

Attorney Docket No.: 026057.P36644US1

applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

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:

1/23/	20 19	
Date		Nar

Name: Sanjay Dabral

Name: David A. Secker

Name: Jun Zhair VIDHYA RAMACHANDRAN

1/25	, 20_	19
Date		

Name: Ralf M. Schmitt

01/29,2019

Name: Vidhya Ramachandran Juw 244

1/23 , 20_19

Name: Wenile Mao

Attorney Docket No.: 026057.P36644US1

applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

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	Name: Sanjay Dabral
, 20	
Date	Name: David A. Secker
01/29,2019	
Date	Name/Jun Zhai

Each Inventor: Please Sign and Date Below:

01/28 2019 Nidhya Pelasah Date Name: Vidhya Ramachandran

Date Name: Wenjie Mao