

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5835956

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TRAVIS W. LAJOIE	06/26/2019
ABHISHEK A. SHARMA	06/26/2019
VAN H. LE	06/26/2019
CHIEH-JEN KU	06/22/2019
PEI-HUA WANG	06/20/2019
JACK T. KAVALIEROS	06/26/2019
BERNHARD SELL	06/26/2019
TAHIR GHANI	06/29/2019
GREGORY GEORGE	06/26/2019
AKASH GARG	06/24/2019
ALLEN B. GARDINER	06/21/2019
SHEM OGADHOH	06/20/2019
JUAN G. ALZATE VINASCO	06/20/2019
UMUT ARSLAN	06/26/2019
FATIH HAMZAOGLU	06/20/2019
NIKHIL MEHTA	06/26/2019
JARED STOEGER	07/16/2019
YU-WEN HUANG	06/26/2019
SHU ZHOU	06/26/2019

RECEIVING PARTY DATA

Name:	Intel Corporation
Street Address:	2200 Mission College Boulevard
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16457634

CORRESPONDENCE DATA**Fax Number:** (503)796-2900*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:** (503) 222-9981**Email:** svillarreal@schwabe.com**Correspondent Name:** JUSTIN K. BRASK**Address Line 1:** 1211 SW 5TH AVENUE, STE. 1600**Address Line 4:** PORTLAND, OREGON 97204

ATTORNEY DOCKET NUMBER:	AB9989-US 111548-246786
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NAME OF SUBMITTER:	JUSTIN K. BRASK
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SIGNATURE:	/Justin K. Brask/
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DATE SIGNED:	11/22/2019
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Total Attachments: 6

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ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

**Travis W. LAJOIE, Abhishek A. SHARMA, Van H. LE, Chieh-Jen KU, Pei-Hua WANG,
Jack T. KAVALIEROS, Bernhard SELL, Tahir GHANI, Gregory GEORGE, Akash GARG,
Allen B. GARDINER, Shem OGADHOH, Juan G. ALZATE VINASCO, Umut ARSLAN,
Fatih HAMZAOGLU, Nikhil MEHTA, Jared STOEGER, Yu-Wen HUANG, Shu ZHOU**

hereby sell, assign, and transfer to

Intel Corporation

a Corporation of **Delaware**, having a principal place of business at:
2200 Mission College Boulevard, Santa Clara, California, 95054 USA ("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

CAPACITOR CONNECTIONS IN DIELECTRIC LAYERS

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.]

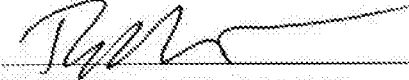
US or International Application Number 16/457,634 filed June 28, 2019

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 legal 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 legal 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

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:

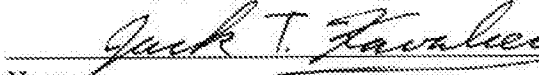
6/26/19 
Date Name: Travis W. LAJOIE

6/26/19 
Date Name: Abhishek A. SHARMA

06/26/19 
Date Name: Van H. LE

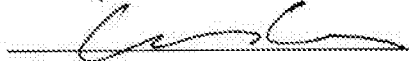
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Date Name: Akash GARG

06/21/2019 
Date Name: Allen B. GARDINER

06/20/2019 
Date Name: Shem OGADHOH

Assignment Document Return Address:
Schwabe, Williamson & Wyatt P.C.
1211 SW 5th Avenue, Suite 1900
Portland, OR 97204
Telephone: (503) 222-9981

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Each Inventor: Please Sign and Date Below:

06/20/2019 Juan G. Alzate
Date Name: **Juan G. ALZATE VINASCO**

6/26/2019 [Signature]
Date Name: **Emut ARSLAN**

06/20/2019 [Signature]
Date Name: **Fatih HAMZA OGLU**

06/26/2019 [Signature]
Date Name: **Nikhil MEHTA**

Date Name: **Jared STOEGER**

06/26/2019 [Signature]
Date Name: **Yu-Wen HUANG**

06/26/2019 [Signature]
Date Name: **Shu ZHOU**

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US or International Application Number 16/457,634 filed June 28, 2019,

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 legal 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 legal 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

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:

Date	Name: Travis W. LAJOIE
Date	Name: Abhishek A. SHARMA
Date	Name: Van H. LE
Date	Name: Chieh-Jen KU
Date	Name: Pei-Hua WANG
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Each Inventor: Please Sign and Date Below:

Date _____ Name: **Juan G. ALZATE VINASCO**

Date _____ Name: **Umut ARSLAN**

Date _____ Name: **Fatih HAMZAOGLU**

Date _____ Name: **Nikhil MEHTA**

16 July 2019
Date _____ *Jared Stoeger*
Name: **Jared STOEGER**

Date _____ Name: **Yu-Wen HUANG**

Date _____ Name: **Shu ZHOU**

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