## 505107106 09/23/2018

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5153866

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JEFFREY S. LEIB	02/06/2018
JENNY HU	02/04/2018
ANINDYA DUSGUPTA	08/08/2018
MICHAEL L. HATTENDORF	08/06/2018
CHRISTOPHER P. AUTH	03/16/2018

#### **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:	15859356

#### **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

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Address Line 4: PORTLAND, OREGON 97204

ATTORNEY DOCKET NUMBER: AA6126-US 111548-237193

NAME OF SUBMITTER: JUSTIN K. BRASK

SIGNATURE: /Justin K. Brask/

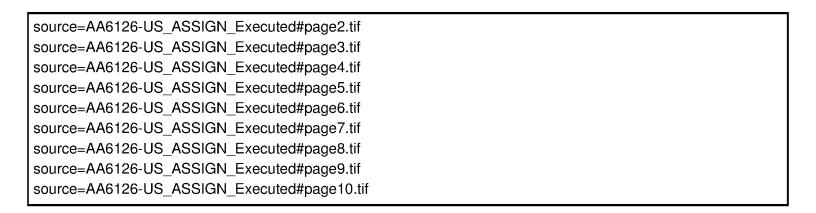
DATE SIGNED: 09/23/2018

**Total Attachments: 10** 

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PATENT REEL: 046946 FRAME: 0017

505107106



PATENT REEL: 046946 FRAME: 0018

# ASSIGNMENT

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

Jeffrey S. LEIB; Jenny HU; Anindya DASGUPTA; Michael L. HATTENDORF; Christopher P. AUTH

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 ("Assignce") and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States a"nd 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

# DUAL METAL GATE STRUCTURES FOR ADVANCED INTEGRATED CIRCUIT STRUCTURE FABRICATION

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignce to insert below the application number and filing date of said patent application when known.]

		15/859,356		
			December 30, 2017	

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

AA6126-US 111548-237193

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.

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	2/6/12	CHIL
	Dale /	your / Mirey S. LEAN
	Date	Name: Jenny HU
	Date	Name: Anindya DASGUPTA
	Date	Name: Michael L. HATTENDORF
	Date	Name: Christopher P. AUTH
	Date	Name;
	Date	Name:
	Date	Name

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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US (	X	International	Application I	Number	15/859,356	filed	December 30, 2017
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#### Each Inventor: Please Sign and Date Below:

Date	Name: Jeffrey S. LEIB
2/4/18	- Ah
Date	Name: Jenny HU
Date	Name: Anindya DASGUPTA
Dute	Name: Michael L. HATTENDORF
Date	Name: Christopher P. AUTH
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Assignment Document Return Address: Schwabe, Williamson & Wyatt P.C. 1211 SW 5th Avenue, Suite 1900 Portland, OR 97204

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Date	Name: Jeffrey S. LEIB
Date 08 · 20/8	Name: Jenny HU
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