#### 09/17/2019 505677147

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5723955

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KELLY LOFGREEN	08/22/2018
CHIA-PIN CHIU	08/22/2018
JOSEPH PETRINI	08/23/2018
EDVIN CETEGEN	08/23/2018
BETSEGAW GEBREHIWOT	08/23/2018
FERAS EID	09/10/2018

### **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:	16139401

#### **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

svillarreal@schwabe.com Email:

**Correspondent Name:** JUSTIN K. BRASK

Address Line 1: 1211 SW 5TH AVENUE, STE. 1600

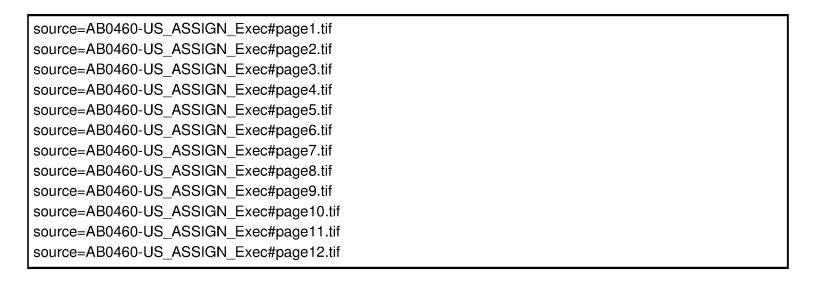
Address Line 4: PORTLAND, OREGON 97204

ATTORNEY DOCKET NUMBER:	AB0460-US 111079-240134
NAME OF SUBMITTER:	JUSTIN K. BRASK
SIGNATURE:	/Justin K. Brask/
DATE SIGNED:	09/17/2019

**Total Attachments: 12** 

**PATENT** REEL: 050408 FRAME: 0228

505677147



PATENT REEL: 050408 FRAME: 0229

## **ASSIGNMENT**

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

### Kelly LOFGREEN, Chia-Pin CHIU, Joseph PETRINI, Edvin CETEGEN, Betsegaw GEBREHIWOT, Feras EID

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 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

# LIQUID METAL TIM WITH STIM-LIKE PERFORMANCE WITH NO BSM AND BGA COMPATIBLE

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	16/139,401	filed	September 24, 2018
		P- P				

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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

AB0460-US 111079-240134

ach Invento	r: Please Sign and Date Below:		
	S/22/18 Date	Name: Kelly LOFGREEN	
,	Date 8-23-//	Name: Chia-Pin CHIU	
	Date	Name: Joseph PETRINI	
	Date	Name: Edvin CETEGEN	
	Date	Name: Betsegaw GEBREHIWOT	
	Date	Name: Feras EID	
	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 or International Application Number 16/139,401 filed September 24, 2018

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AB0460-US 111079-240134

Page 1 of 2

PATENT REEL: 050408 FRAME: 0232

Each Inventor: Please Sign and Date Below:

Date C 22 7 8 18	Name:	Kelly LOFGREEN  LASi Car
8-22-2018 Date	Name:	Chia-Pin CHIU
Date	Name:	Joseph PETRINI
ate	Name:	Edvin CETEGEN
ate	Name:	Betsegaw GEBREHIWOT
ate	Name:	Feras EID
ate	Name:	
ate	Name:	
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Pate	Name:	
Date	Name:	
late	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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os of the handhar Application Number 10/137, 101 Hed Oct 1001 21, 201	miber 16/139,401 filed September 24, 2018	or International Application Numbe
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*********											

Each Inventor: Please Sign and Date Relow;

Date	Name:	Kelly LOFGREEN
Date 9-23-19	Name:	Chia-Pin CHIU
Date	Narge:	Joseph PETRINI
Date	Name:	Edvin CETEGEN
Date	Name:	Betsegaw GEBREHIWOT
Date	Name:	Feras EID
Date	Name:	
Plate	Name	

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HIS	or	International	Application	Number	16/139,401	filed	September 24, 2018
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- 현재하는 지구 등에 가장 가는 그 사는 가는 소요 그는 가 가象 환경에게 함께한 가장 가장 되었다.			

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, continuation 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;

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	Date S/2 2/2 1/2	Name: Edvin CETEGEN	
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	Date	Name: Feras EID	
	Date	Name:	
	Date	Name:  Assignment Document Return A Schwabe, Williamson & Wyatt P	ddress:

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