### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7145088

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KEVIN CEURTER	10/03/1994
RUSSELL AOKI	05/06/2018
ANTHONY VALPIANI	05/01/2018
ERIC W. BUDDRIUS	04/11/2018
MUSTAFA HASWAREY	04/10/2018
ROLF LAIDO	04/10/2018
THOMAS BOYD	04/10/2018
BIJOYRAJ SAHU	04/11/2018
SHELBY A. FERGUSON	04/10/2018
RACHEL TAYLOR	04/18/2018
DANIEL NEUMANN	03/10/2018

#### **RECEIVING PARTY DATA**

Name:	INTEL CORPORATION
Street Address:	2200 MISSION COLLEGE BLVD.
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15942263

#### CORRESPONDENCE DATA

**Fax Number:** (503)662-7727

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:** 503-968-8233

**Email:** dmontgomery@essentialpatents.com **Correspondent Name:** ESSENTIAL PATENTS GROUP, LLP.

Address Line 1: 5 CENTERPOINTE DRIVE

Address Line 2: SUITE 400

Address Line 4: LAKE OSWEGO, OREGON 97035

PATENT REEL: 058796 FRAME: 0466

507098250

ATTORNEY DOCKET NUMBER:	01.D143893-US	
NAME OF SUBMITTER:	DANA M. MONTGOMERY	
SIGNATURE:	/Dana M. Montgomery/	
DATE SIGNED:	01/27/2022	
Total Attachments: 13		
source=D143893-US Intel Assignment#	page1.tif	
source=D143893-US Intel Assignment#	page2.tif	
source=D143893-US Intel Assignment#page3.tif		
source=D143893-US Intel Assignment#page4.tif		
source=D143893-US Intel Assignment#page5.tif		
source=D143893-US Intel Assignment#page6.tif		
source=D143893-US Intel Assignment#page7.tif		
source=D143893-US Intel Assignment#page8.tif		
source=D143893-US Intel Assignment#page9.tif		
source=D143893-US Intel Assignment#page10.tif		
source=D143893-US Intel Assignment#page11.tif		

source=D143893-US Intel Assignment#page12.tif source=D143893-US Intel Assignment#page13.tif

PATENT REEL: 058796 FRAME: 0467

# ASSIGNMENT

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

Kevin Ceurter; Russell Aoki; Anthony Valpiani; Eric W. Buddrius; Mustafa Haswarey; Rolf Laido; Thomas Boyd; Bijoyraj Sahu; Shelby A. Ferguson; Rachel Taylor; Daniel Neumann

hereby sell, assign, and transfer to:

#### Intel Corporation

a corporation of Delaware, having a principal place of business at 2200 Mission College Bonlevard, Santa Clara, California, 95054 USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, little, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

# SERVER MICROPROCESSOR CARRIER WITH GUIDING ALIGNMENT ANTI-TILT AND AUTOMATIC THERMAL INTERFACE MATERIAL SEPARATION FEATURES FOR USE IN LAND GRID ARRAY SOCKETS

(I hereby authorize and request any attorney having appropriate authority from the assignee to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on	March 30,	2818	_88
United States Application N	iumber <u>1</u>	5/942,263	and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filled in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignce may apply fix and receive a patent or patents for said inventions and 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



In exchange for being employed by Intel Corporation, its subsidiaries, affiliates, or successors (hereinafter "INTEL"), I agree that:

- White working for INTEL: I will perform my assigned duties and comply with all INTEL policies, procedures, guidelines, rules and instructions including Intel's Business Code of Conduct.
- 2. Without additional compensation, I will promptly disclose and, to the full extent allowed by law, assign to INTEL all rights to which I may be entitled with respect to designs, trademarks, copyrights, maskworks, discoveries, formulae, processes, manufacturing techniques, trade secrets, inventions, improvements, ideas or copyrightable works: (i) relating to INTEL's business, whether or not developed during normal working hours; or (ii) which were developed with the use or aid of any INTEL equipment, supplies, or facilities; or (iii) which used any proprietary or confidential information of a third party, access to which I obtained through INTEL.

3.

- 4. At all times, both during and after my INTEL employment, I will do whatever is reasonably requested by INTEL, at INTEL's expanse, to assist INTEL in obtaining and enforcing INTEL's rights throughout the world with respect to the assignments which I have made or am obligated to make to INTEL under this Agreement.
- 5. At all times, both during and after my emptoyment by INTEL, I will hold in confidence and will not use (except for the benefit of INTEL) or disclose without INTEL's written authorization any information (technical or otherwise) I had access to or created during the period of my employment which pertains to any aspect of INTEL's business and is either unknown to actual or potential competitors of INTEL or is proprietary or confidential information of INTEL, its customers, or its suppliers, until such information either becomes generally known outside INTEL by legal means, or for the maximum period of time for maintaining trade secrets as permitted by law in the state in which I am employed, if such period is shorter. I agree not to make unauthorized copies of such confidential information and to return to INTEL upon my termination, or upon INTEL's request, all tangible forms of such confidential information including drawings, computerized data or programs, specifications, documents, devices, models, list of employees, or any other INTEL confidential material.

7.

8.

9.

10. I certify and acknowledge that I have carefully read all of the provisions of this Agreement and that I understand and will fully and faithfully comply with such provisions.

INTEL

F. THOMAS DUNLAP UP

Vice President, General Counsel and Secretary

EMPLOYEE

Priced Name (please print clearly)

Social Security Number

10/2/

WHITE COPY - Intel

CANARY COPY - Employee

(11/01)

Kevin Ceurter	Date signed
ZIX H	576-18
Russell Aoki	Date signed
Anihony Valpiani	Date signed
Eric W. Buddrius	Date signed
Mustafa Haswarey	Date signed
Rolf Laido	Date signed
:	
Thomas Boyd	Date signed
Bijoyraj Sahu	Date signed

Shelby A. Ferguson	Date signed		
Rachel Taylor	Date signed		
Daniel Neumann	Date signed		

## ASSIGNMENT

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

Kevin Ceurter; Russell Aoki; Anthony Valpiani; Eric W. Buddrius; Mustafa Haswarey; Rolf Laido; Thomas Boyd; Bijoyraj Sahu; Shelby A. Ferguson; Rachel Taylor; Daniel Neumann

hereby sell, assign, and transfer to:

#### Intel Corporation

a corporation of Delaware, having a principal place of business at 2200 Mission College Bonlevard, 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 other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

# SERVER MICROPROCESSOR CARRIER WITH GUIDING ALIGNMENT ANTI-TILT AND AUTOMATIC THERMAL INTERFACE MATERIAL SEPARATION FEATURES FOR USE IN LAND GRID ARRAY SOCKETS

(I hereby authorize and request any attorney having appropriate authority from the assignee to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on	March.	30, 2018	88
A. C.			
United States Applicat	ion Number	15/942,263	3316

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignce may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignce, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute

Regal of

	8		
	Kevin Courter	Date signed	
100000000 (5) 10000000	Russell Aoki	Date signed	
		05/01/18	
	Anthony Valpiani	Date signed	
	* *		
	Eric W. Buddries	Date signed	
	Mustafa Haswarey	Date signed	
	Rolf Laido	Date signed	
	Thomas Boyd	Date signed	
	s nonas ocya	rsan orkinea	
	Bijoyraj Sahu	Date signed	

Shelby A. Ferguson	Date signed
Rachel Taylor	Date signed
Daniel Neumann	Date signed

## ASSIGNMENT

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

Kevin Ceurter; Russell Aoki; Anthony Valpiani; Eric W. Buddrius; Mustafa Haswarey; Rolf Laido; Thomas Boyd; Bijoyraj Sahu; Shelby A. Ferguson; Rachel Taylor; Daniel Neumann

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 other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

## SERVER MICROPROCESSOR CARRIER WITH GUIDING ALIGNMENT ANTI-TILT AND AUTOMATIC THERMAL INTERFACE MATERIAL SEPARATION FEATURES FOR USE IN LAND GRID ARRAY SOCKETS

(I hereby authorize and request any attorney having appropriate authority from the assignee to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on <u>March</u>	30, 2018	as
United States Application Number	15/942.263	and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignee may apply for and receive a patent or patents for said inventions and 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

Page I of

Kevin Ceurter	Date signed
Russell Aoki	Date signed
Anthony Valpiani	Date signed
ener leddin	4/11/18
Eric W Buddrius	Date signed
1/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2	04/10/18
Mustafa Haswarey	Date signed
Jobles -	810112
Rolf Laido	Date signed <sup>*</sup>
Quakes	4/10/18
Thomas Boyd	Date signed
Djarry Sahi	04/11/18 Date signed
Bijovraj Sahu	Date signed 1

Shelby A. Kerguson	4µ0µ8 Date signed
Rachel Taylor	Date signed
Burnel Neumann	<u> </u>

## **ASSIGNMENT**

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

Kevin Ceurter; Russell Aoki; Anthony Valpiani; Eric W. Buddrius; Mustafa Haswarey; Rolf Laido; Thomas Boyd; Bijoyraj Sahu; Shelby A. Ferguson; Rachel Taylor; Daniel Neumann

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 other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

## SERVER MICROPROCESSOR CARRIER WITH GUIDING ALIGNMENT ANTI-TILT AND AUTOMATIC THERMAL INTERFACE MATERIAL SEPARATION FEATURES FOR USE IN LAND GRID ARRAY SOCKETS

(I hereby authorize and request any attorney having appropriate authority from the assignee to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on	March 30, 2018	as
United States Application Nu	ımber <u>15/942,263</u>	and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignee may apply for and receive a patent or patents for said inventions and 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

PATENT

REEL: 058796 FRAME: 0478

Kevin Ceurter	Date signed
Russell Aoki	Date signed
Anthony Valpiani	Date signed
Eric W. Buddrius	Date signed
Mustafa Haswarey	Date signed
Rolf Laido	Date signed
Γhomas Boyd	Date signed
Bijovraj Sahu	Date signed

Shelby A. Ferguson	Date signed
Rock GTA Taylor Rachel Taylor	April 18, 2018
Rachel Taylor	Date signed
Daniel Neumann	Date signed

Page 3 of