

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5202112

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the WRONG ASSIGNORS NAMES: ALEKSOV, ALEKSANDAR; LIU, CHANGHUA; GUO, XIAOYING; ARANA, LEONEL; FENG, HONGZIA; JAIO, MEIZI previously recorded on Reel 045243 Frame 0726. Assignor(s) hereby confirms the CORRECT ASSIGNORS: TANAKA, HIROKI; ALEKSOV, ALEKSANDAR; BOYAPATI, SRI RANGA SAI; MAY, ROBERT A.; DARMAWIKARTA, KRISTOF..
RESUBMIT DOCUMENT ID:	504958977

CONVEYING PARTY DATA

Name	Execution Date
HIROKI TANAKA	05/03/2018
ALEKSANDAR ALEKSOV	05/04/2018
SRI RANGA SAI BOYAPATI	05/03/2018
ROBERT A. MAY	05/03/2018
KRISTOF DARMAWIKARTA	05/03/2018

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:	15855961

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.

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ATTORNEY DOCKET NUMBER:	P120581 111079-229251
NAME OF SUBMITTER:	JUSTIN K. BRASK

SIGNATURE:	/Justin K. Brask/
DATE SIGNED:	10/23/2018
Total Attachments: 5 source=P120581 ASSIGN Executed#page1.tif source=P120581 ASSIGN Executed#page2.tif source=P120581 Rej Ntc of Recordation 10-23-18#page1.tif source=P120581_Original_ASSIGN_coversheet#page1.tif source=P120581_Original_ASSIGN_coversheet#page2.tif	

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>ALEKSANDAR ALEKSOV</td><td>01/31/2018</td></tr><tr><td>CHANGHUA LIU</td><td>01/31/2018</td></tr><tr><td>XIAOYING GUO</td><td>02/01/2018</td></tr><tr><td>LEONEL ARANA</td><td>02/01/2018</td></tr><tr><td>HONGXIA FENG</td><td>02/01/2018</td></tr><tr><td>MEIZI JIAO</td><td>01/31/2018</td></tr></tbody></table>	Name	Execution Date	ALEKSANDAR ALEKSOV	01/31/2018	CHANGHUA LIU	01/31/2018	XIAOYING GUO	02/01/2018	LEONEL ARANA	02/01/2018	HONGXIA FENG	02/01/2018	MEIZI JIAO	01/31/2018	
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PATENT

REEL: 047778 FRAME: 0359

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ATTORNEY DOCKET NUMBER:	P120581 111079-229251
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NAME OF SUBMITTER:	JUSTIN K. BRASK
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Signature:	/Justin K. Brask/
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Date:	03/15/2018
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Total Attachments: 2
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RECEIPT INFORMATION

EPAS ID: PAT4869122

Receipt Date: 03/15/2018

PATENT

ASSIGNMENT

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

**Hiroki TANAKA, Aleksandar ALEKSOV, Sri Ranga Sai BOYAPATI,
Robert A. MAY, Kristof DARMAWIKARTA**

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

POLARIZATION DEFINED ZERO MISALIGNMENT VIAS FOR SEMICONDUCTOR PACKAGING

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 15/855,961 filed December 27, 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;

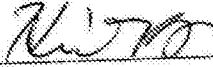
agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and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

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:

5/3/18

Date


Name: Hiroki TANAKA

5/4/18

Date


Name: Aleksandar ALEKSOV

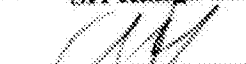
5/3/18

Date


Name: Sri Ranga Sai BOYAPATI

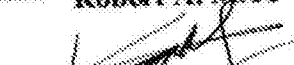
5/3/18

Date


Name: Robert A. MAY

5/31/18

Date


Name: Kristof DARMAWIKARTA

Date

Name:

Date

Name:

Date

Name:

Date

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