

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5028032

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
VASE JOVANOV	06/14/2018
PETER BAUMGARTNER	06/22/2018
GREGOR BRACHER	06/13/2018
LUIS GILES	06/14/2018
UWE HODEL	06/13/2018
ANDREAS LACHMANN	06/14/2018
PHILIPP RIESS	06/15/2018
KARL-HENRIK RYDEN	06/14/2018
RECEIVING PARTY DATA	
Name:	INTEL IP 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:	16019585
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
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ATTORNEY DOCKET NUMBER:	AA8209-US_INT180305
NAME OF SUBMITTER:	MANI ARABI
SIGNATURE:	/Mani Arabi/

DATE SIGNED:	06/28/2018
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Total Attachments: 5

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ASSIGNMENT

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

**VASE JOVANOVA; PETER BAUMGARTNER; GREGOR BRACHER; LUIS GILES;
UWE HODEL; ANDREAS LACHMANN; PHILIPP RIESS; KARL-HENRIK RYDEN**

hereby sell, assign, and transfer to:

Intel IP 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:

SEMICONDUCTOR DEVICES AND METHODS FOR FORMING SEMICONDUCTOR DEVICES

(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 June 27, 2018 as
US Application Number 16/019,585 and
COUNTRY or International Office

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 all Additional Applications, and all other patent applications on any and all said inventions and 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 and 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 and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said 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.



VASE JOVANO

14.06.2018

Date signed

PETER BAUMGARTNER

Date signed



GREGOR BRACHER

13.06.2018

Date signed

LUIS GILES

Date signed



UWE HODEL

13.06.2018

Date signed

ANDREAS LACHMANN

Date signed

PHILIPP RIESS

Date signed

KARL-HENRIK RYDEN

Date signed

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_____ VASE JOVANOV	_____ Date signed
_____ <i>Baumgartner</i> PETER BAUMGARTNER	_____ <i>March 22nd 17018</i> Date signed
_____ GREGOR BRACHER	_____ Date signed
_____ LUIS GILES	_____ Date signed
_____ UWE HODEL	_____ Date signed
_____ ANDREAS LACHMANN	_____ Date signed
_____ PHILIPP RIESS	_____ Date signed
_____ KARL-HENRIK RYDEN	_____ Date signed

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VASE JOVANOV

Date signed

PETER BAUMGARTNER

Date signed

GREGOR BRACHER

Date signed



LUIS GILES

14 June 2018
Date signed

UWE HODEL

Date signed



ANDREAS LACHMANN

14 June 2018
Date signed

PHILIPP RIESS

Date signed



KARL-HENRIK RYDEN

14.6.2018
Date signed

assigns, and legal representatives all facts known to the undersigned relating to said inventions and 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 and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

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VASE JOVANOV

Date signed

PETER BAUMGARTNER

Date signed

GREGOR BRACHER

Date signed

LUIS GILES

Date signed

UWE HODEL

Date signed

ANDREAS LACHMANN

Date signed



PHILIPP RIESS

June 15. 2018

Date signed

KARL-HENRIK RYDEN

Date signed