506615163 04/16/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6661970

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BERND WAIDHAS	04/14/2021
ANDREAS WOLTER	02/05/2021
GEORG SEIDEMANN	04/14/2021
THOMAS WAGNER	02/08/2021

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:	17131663

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

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

Address Line 4: PORTLAND, OREGON 97204

ATTORNEY DOCKET NUMBER:	AC3624-US 111079-257868
NAME OF SUBMITTER:	JUSTIN K. BRASK
SIGNATURE:	/Justin K. Brask/
DATE SIGNED:	04/16/2021

Total Attachments: 8

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Attorney's Docket No.: AC3624-US 111079-257868

ASSIGNMENT

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

Bernd WAIDHAS, Andreas WOLTER, Georg SEIDEMANN, Thomas WAGNER

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

ASSEMBLY OF 2XD MODULE USING HIGH DENSITY INTERCONNECT BRIDGES

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.]

IS or International Application Number 17/131,663	Stock	d December 22, 2020	
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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-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 Assignee, its successors, assigns, and legal representatives; and

AC3624-US 111079-257868

Page 1 of 2

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;	bbbsbbssananana	***************************************	00000000000000000000000000000000000000	it da ijiga i tirlitis.
	14.04,2021		216	A STATE OF THE STA	traguli.
	Date	Name:	Bernd WAIDHAS	TENERAL TENE	
	Date 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Name:	Andreas WOLTER	ung wakan	
	Date	Name:	Georg SEIDEMANN		
	Date	Name:	Thomas WAGNER		

Assignment Document Return Address:
Intel Corporation
Virginia Dum
4560 S. Dobson Road, OC2-157
Chandler, AZ 85248

AC3624-US 111079-257868

Page 2 of 2

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Intel Corporation

a Corporation of Printware . having a principal place of business at:

200 Mission Coffeee Bondevard. Santa Clara. California. 95954 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
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agree that said Assignee may apply for and receive a patent or patents for said inventions of 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, continued prosecution applications, continued applications, substitute applications, renewal applications, reissue applications, examinations, extensions, and all other patent applications or any and all said inventions or improvements excessors, assigns, and legal representatives all facts known to the undersigned relating to said inventions or improvements and the bistory thereof, and generally social said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions or improvements and for said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, and all applications for patents and all patents on said inventions or improvements.

AC3624-US 111079-257868

Page 1 of 2

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0000 Feb. 5 ^{lk} 2024	Maria WAIINIAS	
<i>:\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>	North Andrew Will TEX	
Line	Name Georg SEIDEMANN	
Date	Name: Thomas WAGNER	

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Page 2 of 2

Astorney's Docket No.: AC3624-US 111079-257868

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hereby sell, assign, and transfer to

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a Corporation of Delaware , having a principal place of business at:

2300 Mission College Boulevard, Santa Clara, California, 95054 USA ("Assignee")
and in 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
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ASSEMBLY OF 2XD MODULE USING HIGH DENSITY INTERCONNECT BRIDGES

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

(If 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 17/131,863 Glod December 22, 2020

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, attity applications, design applications, divisional applications, continuation applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, recommendations, extensions, and all other patent applications that have been or shall be filled in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, recommission 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 Assigner 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 Assigner, 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, continuation-in-part applications, substitute applications, renewal applications, release applications rexuminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful outles, assignments, powers of attentive, 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, in legal representatives in securing and maintaining proper patent prosection for said inventions or improvements and legal representatives in securing and maintaining proper patent prosection for patents and all patents on said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, and all applications for patents and all patents on 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

AC3624-US 111079-257868

Page 1 of 2

concensit with said Assigner, its successors, assigns, and legal representatives that no assignment, grant, muntgage, license, or other agreement affecting the rights and property lacerin conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is presessed by the undersigned.

Each Inventor: Please Sign and Date Below: Casse Name: Bernd WAIDHAS Dane Name Mireas WOMTER 2021-04-14 Name this: Name: Thomas WAGNER

AC3624-US 111079-257868

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Assignment Document Return Address. iniel Corporation

Virginia Duna

Chandler, AZ 85248

4500 S. Dobson Road, OC2-157

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(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

ASSEMBLY OF 2XD MODULE USING HIGH DENSITY INTERCONNECT BRIDGES

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US or International Application Number 17/131,663 Red December 22, 2020

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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, continuations, 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 outlis, assignments, powers of altorney, 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

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Page 1 of 2

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.

Date	Name: Bernd WAIDHAS
)ate	Name: Andreas WOLTER
Date	Name: Convo SEINENIANN
R. Feb 2021	Thomas Man
Date	Name: Thomas WAGNEX

Assignment Document Return Address: Intel Corporation Virginia Duna 4500 S. Dobson Rozd, OC2-157 Chandler, AZ 85248

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PATENT REEL: 055958 FRAME: 0041

RECORDED: 04/16/2021