PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6040058

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AARON LILAK	03/25/2020
EHREN MANNEBACH	03/26/2020
NAFEES KABIR	03/26/2020
PATRICK MORROW	03/26/2020
GILBERT DEWEY	03/25/2020
WILLY RACHMADY	03/26/2020
ANH PHAN	03/26/2020

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:	16832500

CORRESPONDENCE DATA

Fax Number:

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.

Email: asahagian@ghmip.com

Correspondent Name: GREEN, HOWARD, & MUGHAL LLP

Address Line 1: 5 CENTERPOINTE DR.

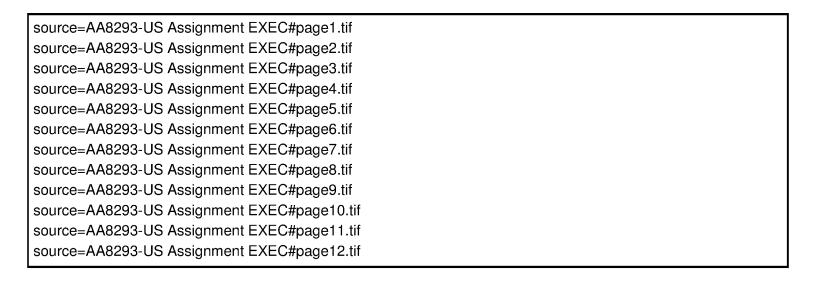
Address Line 4: LAKE OSWEGO, OREGON 97035

ATTORNEY DOCKET NUMBER:	01.AA8293-US
NAME OF SUBMITTER:	ADAM SAHAGIAN
SIGNATURE:	/Adam Sahagian/
DATE SIGNED:	03/31/2020

Total Attachments: 12

PATENT REEL: 052273 FRAME: 0979

505993348



PATENT REEL: 052273 FRAME: 0980

ASSIGNMENT

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

Aaron Lilak Ehren Mannebach Nafees Kabir Patrick Morrow Gilbert Dewey Willy Rachmady Anh Phan

hereby sell, assign, and transfer to:

Intel Corporation

a corporation of Delaware, having a principal place of business at 2200 Mission College Blvd. Santa Clara, CA. 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:

STACKED TRANSISTOR STRUCTURES WITH ASYMMETRICAL TERMINAL INTERCONNECTS

(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 27, 2020		March 27, 2020		as	
United States Applica	tion Number _	16/832,500	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;

PATENT REEL: 052273 FRAME: 0981 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

Cupho	7/25/20
Aaron Lilak	Date signed
Ehren Mannebach	Date signed
Nafees Kabir	Date signed
Patrick Morrow	Date signed
Gilbert Dewey	Date signed
Willy Rachmady	Date signed
Anh Phan	Date signed

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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

Aaron Lilak	Date signed
Elm Hambul	2020/03/26
Ehren Mannebach	Date signed
Nafees Kabir	Date signed
Patrick Morrow	Date signed
Gilbert Dewey	Date signed
Willy Rachmady	Date signed
Anh Phan	03/26/2020
Alli filali	Date signed

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which was filed on	March 27, 2020	28
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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.

Aaron Lilak	Date signed	
Ehren Mannebach	Date signed	
Nafees Kabir	<u>Dog 76.20</u> Date signed	
Patrick Morrow	Date signed	
Gilbert Dewey	Date signed	
Willy Rachmady	Date signed	
Anh Phan	Date signed	

Page 2 of 3

<u>ASSIGNMENT</u>

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which was filed on <u>M</u>	arch 27, 2020	as	
United States Application			

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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

Aaron Lilak	Date signed
Ehren Mannebach	Date signed
Nafees Kabir	Date signed
Patrick Morrow	ファンション Date signed
Gilbert Dewey	Date signed
Willy Rachmady	Date signed
Anh Phan	Date signed

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which was thed onIVI	arcii 27, 2020	3.8
United States Application ?	Number <u>16/832,50</u>)0 and

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Aaron Lilak	Date signed
Ehren Mannebach	Date signed
Nafees Kabir	Date signed
Patrick Morrow	Date signed
Gilbert Dewey	3 / 25 / 20 Date signed
Willy Rachmady	Date signed
Anh Phan	Date signed

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which was filed onMarch 27	7, 2020	
United States Application Number	16/832,500	

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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 filling 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 filling offices on said inventions and improvements; and in and to all rights of priority resulting from the filling 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 only 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 underxigned 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

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Aaron Liiak	Date signed
Ehra Manadach	Date signed
Nafers Kabir	Date signeri
Patrick Morrow	Date signed
Gilbert Dewey	Date signed
Willy Rachmary S	3/26/2020 Date signed
Anh Phan	Date signed

Physic 2 of 3