506619075 04/20/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KARTHIK JAMBUNATHAN	07/12/2017
CORY C. BOMBERGER	07/12/2017
GLENN A. GLASS	07/12/2017
ANAND S. MURTHY	07/12/2017
JU H. NAM	07/12/2017
TAHIR GHANI	07/19/2012

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:	16611920	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	P116503PCT-US
NAME OF SUBMITTER:	JUSTIN K. BRASK
SIGNATURE:	/Justin K. Brask/
DATE SIGNED:	04/20/2021

Total Attachments: 2

PATENT REEL: 055975 FRAME: 0861

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PATENT REEL: 055975 FRAME: 0862

P116532PCT 6/30/17

Attorney Docket No.: P116503PCT

<u>ASSIGNMENT</u>

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

KARTHIK JAMBUNATHAN, CORY C. BOMBERGER, GLENN A. GLASS, ANAND S. MURTHY, JU H. NAM AND TAHIR GHANI

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:

SILICON SUBSTRATE MODIFICATION TO ENABLE FORMATION OF THIN, RELAXED, GERMANIUM-BASED LAYER

which was filed on _	June 30, 2017			as	
International		Application Number	_PCT/US17/4	0320	and
COUNTRY or Inter	national 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

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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.

Yon	July 12, 2017
Karthik Jambunathan	Date signed
G Mason	7/11/2017
Cory C. Bomberger	Date signed
Gleen A. Com	7-12-17
Glenn A. Glass	Date signed
	7/14
Anand S. Murthy	Date signed
J. 76. Norm	7/12/17
Ju H. Nam	Date signed
Mari	7/19/17
Tahir Ohani	Date signed