11/21/2019 505786040

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRANDON C. MARIN	06/10/2019
ALEKSANDAR ALEKSOV	06/10/2019
GEORGIOS DOGIAMIS	06/10/2019
JEREMY D. ECTON	06/07/2019
SUDDHASATTWA NAD	06/07/2019
MOHAMMAD MAMUNUR RAHMAN	06/07/2019

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:	16437930

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	AB8601-US 111079-247866
NAME OF SUBMITTER:	JUSTIN K. BRASK
SIGNATURE:	/Justin K. Brask/
DATE SIGNED:	11/21/2019

Total Attachments: 2

PATENT REEL: 051079 FRAME: 0518

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PATENT REEL: 051079 FRAME: 0519 Attorney's Docket No.: AB8601-US 111079-247866

<u>ASSIGNMENT</u>

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

Brandon C. MARIN, Aleksandar ALEKSOV, Georgios DOGIAMIS, Jeremy D. ECTON, Suddhasattwa NAD, Mohammad Mamunur RAHMAN

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

METHOD FOR FABRICATING MULTIPLEXED HOLLOW WAVEGUIDES OF VARIABLE TYPE ON A SEMICONDUCTOR PACKAGE

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

	[I/we hereby authorize an	attorney or agent	for said A	Assignee to inse	rt below th	e application	number an	d
filing da	ate of said patent applicatio	n when known.]						

US or International Application Number $\frac{16/437,9}{}$	30 filed _ June 11, 2019
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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, 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

AB8601-US 111079-247866

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	r: Please Sign and Date Below:		
	6/10/19 Date	Name: Brandon C/MARIN MALLULA LA L	
	Date 6 / 10/19	Name: Aleksandar ALEKSOV	
	Date 6/7/19	Name: Georgios DOG/AMIS	en e
	Date The June 19	Name: Jeremy D. ECKON	
	Date 6/7/19	Name: Suddhasattwa NAD	g and an experience
	Date	Name: Mohammad Mamunur RAHMAN	

Assignment Document Return Address: Schwabe, Williamson & Wyatt P.C. 1211 SW 5th Avenue, Suite 1900 Portland, OR 97204

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