

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6398196

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TELESPHOR KAMGAING	10/03/2020
SASHA OSTER	06/28/2011
GEORGIOS DOGIAMIS	10/02/2020
ADEL ELSHERBINI	10/12/2020
SHAWNA LIFF	09/28/2020
ALEKSANDAR ALEKSOV	10/12/2020
JOHANNA SWAN	09/28/2020
BRANDON RAWLINGS	10/12/2020
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:	16328524
CORRESPONDENCE DATA	
Fax Number:	(503)796-2900
<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>	
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:	P106396PCT-US
NAME OF SUBMITTER:	JUSTIN K. BRASK
SIGNATURE:	/Justin K. Brask/

DATE SIGNED:

11/12/2020

Total Attachments: 15

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ASSIGNMENT

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

**TELESPHOR KAMGAING, SASHA OSTER, GEORGIOS DOGIAMIS, ADEL ELSHERBINI,
SHAWNA LIFF, ALEKSANDAR ALEKSOV, JOHANNA SWAN, BRANDON RAWLINGS**

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 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

MILLIMETER WAVE WAVEGUIDE CONNECTOR WITH INTEGRATED WAVEGUIDE STRUCTURING

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

[I/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 PCT/US2016/054900 filed September 30, 2016,

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

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:

<u>10/03/2020</u>	<u>T. Kamgaing</u>
Date	Name: TELESPHOR KAMGAING
_____	_____
Date	Name: SASHA OSTER
_____	_____
Date	Name: GEORGIOS DOGIAMIS
_____	_____
Date	Name: ADEL ELSHERBINI
_____	_____
Date	Name: SHAWNA LIFF
_____	_____
Date	Name: ALEKSANDAR ALEKSOV
_____	_____
Date	Name: JOHANNA SWAN
_____	_____
Date	Name: BRANDON RAWLINGS

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

P106396PCT 111079

Page 2 of 2

PATENT
REEL: 054349 FRAME: 0764

EMPLOYMENT AGREEMENT

In exchange for being employed by Intel Corporation or any of its subsidiaries, affiliates or successors (collectively called "Intel" in this Agreement), I agree to the following:

1. General Conduct.

I will perform my assigned Intel duties and comply with all Intel policies, procedures, guidelines, rules, and instructions, including Intel's Code of Conduct and Corporate Information Security & Security policies.

2. Prior Third Party Information.

I will not bring to Intel, nor use as part of my Intel work, any proprietary or confidential information of any former employer or third party without their written authorization.

3. Confidential Information.

During and after my Intel employment, I will hold in strict confidence and not disclose or use any Confidential Information connected with Intel business or the business of any of Intel's suppliers, customers, employees, or contractors unless (i) such disclosure or use is required in connection with my Intel work, (ii) such information becomes lawfully and publicly known outside Intel, or (iii) an Intel officer expressly authorizes such disclosure or use in advance and in writing. For purposes of this Agreement, Confidential Information includes, without limitation: technical information (e.g. roadmaps, schematics, source code, specifications), business information (e.g. product information, marketing strategies, markets, sales, customers, customer lists or phone books), personnel information (e.g. organizational charts, employee lists, skill sets, names or phone numbers, personnel files, employee compensation) and other non-public Intel data and information of a similar nature. I understand and agree that all Confidential Information that I acquire in connection with my Intel employment is Intel's exclusive property. I agree to return to Intel all of its Confidential Information (hard or soft copies, originals and copies) either at the termination of my Intel employment or upon Intel's request. I agree that any violation of this provision will result in immediate and irreparable injuries and harm to Intel, and that Intel shall have the option of pursuing all available legal and equitable remedies, including injunctive relief and specific performance.

4. Ownership of Proprietary Developments.

Except as provided in the next sentence, I agree that all trade secrets, copyrights, mask works, trademarks, inventions (including service inventions), discoveries, designs, formulae, processes, methods, manufacturing techniques, improvements, ideas, copyrightable works, and other intellectual property which I create, invent or discover alone or with others during my Intel employment, (collectively "Proprietary Developments") are Intel's sole property from the moment of their creation, invention or discovery. This shall not apply to an invention that I develop entirely on my own time without using Intel equipment, supplies, facilities, or trade secret information, except for those inventions that either: (1) relate at the time of conception or reduction to practice of the invention to Intel business, or actual or demonstrably anticipated research or development of the Intel; or (2) result from any work performed by me for Intel. I agree that Intel has and shall always have sole legal and equitable title to all Proprietary Developments and I have no right to compensation for such Proprietary Developments. I agree to promptly disclose Proprietary Developments to Intel, and to the full extent allowed by law, but only to the extent not already owned by Intel pursuant to this Agreement and applicable law, hereby assign to Intel all rights in the Proprietary Developments. I agree that during and after my employment with Intel I will provide all assistance that Intel reasonably requests to secure or enforce its rights throughout the world with respect to Proprietary Developments, including signing all necessary documents to secure or memorialize those rights. If I fail or refuse to sign documents necessary to secure or enforce Intel's rights, or if Intel cannot locate me through the exercise of reasonable diligence, I irrevocably appoint Intel or its designee as my attorney to sign such documents in my name. I waive any rights that I may have in any Proprietary Developments and, to the extent that such waiver is ineffective under applicable law until a Proprietary Development is created, invented or discovered, I agree to waive such rights immediately upon the creation, invention or discovery of such Proprietary Development.

5. Licensed and Non-Licensed Preexisting Employee Intellectual Property.

I have listed in Appendix A any intellectual property that I own or control, in whole or in part, that I had created prior to my employment with Intel and that I intend to exclude from licensing to Intel ("Preexisting Employee Intellectual Property"). I have listed in Appendix A any Preexisting Employee Intellectual Property for which I have an economic interest in, but for which I do not have the right to grant a license to Intel. I grant Intel a non-exclusive, non-transferable (except within Intel), perpetual, irrevocable, royalty-free, world-wide license to all of my Preexisting Employee Intellectual Property, except for that which I have specifically listed in Appendix A, with the right to sublicense, to make, have made, use, sell, offer to sell, import, reproduce, have reproduced, prepare derivative works of, distribute, and otherwise dispose of, any product or document, under all patents, trade secrets, copyrights and copyrightable works, mask works, trademarks, inventions, discoveries, designs, formulae, processes, methods, manufacturing techniques, improvements, and ideas. This license only excludes the Preexisting Employee Intellectual Property I have specifically listed in Appendix A if I have provided sufficient detail to allow Intel to identify its subject matter, and Appendix A is submitted prior to the start of my employment. I agree that if I fail to make any required disclosure or breach any term of sections 4 and 5, any applicable limitations periods shall be tolled and shall not run as to any claim, right, or cause of action Intel may have relating to such disclosure or breach that would have been discovered had the required disclosure been made, until such time as Intel obtains actual knowledge of the facts giving rise to such claim. Nothing contained in this section shall limit other remedies otherwise available in law or equity to Intel.

6. Non-solicitation.

I agree that for 12 (twelve) months after my employment ends, I will not solicit, directly or indirectly, any employee to leave his/her employment with Intel. This includes identifying Intel employees or providing employee compensation or skill information to any third party. I agree that any violation of this provision will result in immediate and irreparable injuries and harm to Intel, and that Intel shall have the option of pursuing all available legal or equitable remedies, including injunctive relief and specific performance.

7. Computer Communications Are Not Private.

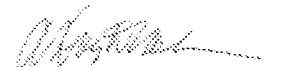
I acknowledge that use of Intel's computer systems is not private or confidential. I understand and consent to Intel's right to review any communications to or from my work computer, pager, phone or other electronic device and all computer information, including any password-protected employee communications.

8. Miscellaneous.

I understand that if Intel Corporation is not my Employer, Intel is signing this Agreement as agent for the Intel Group company that is my Employer. I understand and agree that my employment with Intel is "at will." This means that both Intel and I have the right to terminate my employment at any time, with or without advance notice and with or without cause (provided, however, that if I become employed by Intel in a non-U.S. location, local termination law will apply if inconsistent with this Agreement). The Agreement's terms and conditions are severable. If any part of this Agreement is found or held to be unenforceable in any jurisdiction in which this Agreement is being performed, such provision shall be enforced to the greatest extent permitted by law, and the remainder of this Agreement and such provision as applied to other persons, places or circumstances shall remain in full force and effect. This Agreement: (a) survives my employment with Intel; (b) inures to the benefit of successors and assigns of Intel; and (c) is binding upon my heirs, assigns, and legal representatives. I am not a party to any other agreement which will interfere with my full compliance with this Agreement, except as I have specifically identified in this Agreement. This Agreement may not be modified or amended except in writing, signed by the parties. Only the Vice President of Human Resources, Intel Corporation, or the General Counsel of Intel Corporation, or their delegate, has the authority to modify this agreement on behalf of Intel. This Agreement is effective the first day of my employment with Intel, and supersedes any prior Employee Agreement signed by me with Intel. I have carefully read all of the provisions of this Agreement and I understand and will fully and faithfully comply with all provisions.

Intel Corporation

Employee



Sasha Oster

6/28/11

A. Douglas Melamed
General Counsel

Signature

Date

Sasha N. Oster / 11336157

Printed Name & WWID # (please print clearly)

Distribution: **White Copy** – US Records CH2-171 **Yellow Copy** – Employee **Pink Copy** – CH2-171

EmploymentAgreement.DOC (rev. 4/2010)

PATENT
REEL: 054349 FRAME: 0765

ASSIGNMENT

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

**TELESPHOR KAMGAING, SASHA OSTER, GEORGIOS DOGLAMIS, ADEL ELSHERBINI,
SHAWNA LIFF, ALEKSANDAR ALEKSOV, JOHANNA SWAN, BRANDON RAWLINGS**

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 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

MILLIMETER WAVE WAVEGUIDE CONNECTOR WITH INTEGRATED WAVEGUIDE STRUCTURING

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

[I/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 PCT/US2016/054900 filed September 30, 2016,

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

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Each Investor: Please Sign and Date Below:

Date _____ Name: **TELESPHOR KAMGAING**

Date _____ Name: **SASHA OSTER**

10/2/2020 _____
Date _____ Name: **GEORGIOS DOGLAMIS**

Date _____ Name: **ADEL ELSHERBINI**

Date _____ Name: **SHAWNA LIFF**

Date _____ Name: **ALEKSANDAR ALEKSOV**

Date _____ Name: **JOHANNA SWAN**

Date _____ Name: **BRANDON RAWLINGS**

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

ASSIGNMENT

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Each Inventor: Please Sign and Date Below:

Date	Name: TELESFOR KAMGAING
Date	Name: SASHA OSTER
Date	Name: GEORGIOS DOGLAMIS
10/12/2020	<i>Adel Elsherbini</i>
Date	Name: ADEL ELSHERBINI
Date	Name: SHAWNA LIFF
Date	Name: ALEKSANDAR ALEKSOV
Date	Name: JOHANNA SWAN
Date	Name: BRANDON RAWLINGS

Assignment Document Return Address:
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Chandler, AZ 85248

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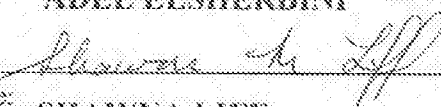
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Date	Name: TELESFOR KAMGAING
Date	Name: SASHA OSTER
Date	Name: GEORGIOS DOGLAMIS
Date	Name: ADEL ELSHERBINI
9-28-2020	
Date	Name: SHAWNA LIFF
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Date	Name: JOHANNA SWAN
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a 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 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

MILLIMETER WAVE WAVEGUIDE CONNECTOR WITH INTEGRATED WAVEGUIDE STRUCTURING

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

[I/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 PCT/US2016/054900 filed September 30, 2016,

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

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 Investor: Please Sign and Date Below:

Date _____ Name: **TELESPHOR KAMGAING**

Date _____ Name: **SASHA OSTER**

Date _____ Name: **GEORGIOS DOGIAMIS**

Date _____ Name: **ADEL ELSHERBINI**

Date _____ Name: **SHAWNA LIFF**

Date _____ Name: **ALEKSANDAR ALEKSOV**

9/28/2020 _____
Date Name: **JOHANNA SWAN**

Date _____ Name: **BRANDON RAWLINGS**

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

ASSIGNMENT

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

**TELESPIHOR KAMGAING, SASHA OSTER, GEORGIOS DOGLAMIS, ADEL ELSHERBINI,
SHAWNA LIFF, ALEKSANDAR ALEKSOV, JOHANNA SWAN, BRANDON RAWLINGS**

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 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

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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, 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

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:

Date Name: TELESPHOR KAMGAING

Date Name: SASHA OSTER


Date Name: GEORGIOS DOGIAMIS

Date Name: ADEL ELSHERBINI

Date Name: SHAWNA LIFF

Date Name: ALEKSANDAR ALEKSOV

Date Name: JOHANNA SWAN

12 Oct 2020
Date Name: 
BRANDON RAWLINGS

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