505964305 03/12/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6011012

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA	·	
	Name	Execution Date
THOMAS LILJEBERG		03/05/2020
ANDREW C. ALDUINO		03/04/2020
RAVINDRANATH VITHAL MAHAJAN		03/04/2020
LING LIAO		03/04/2020
KENNETH MICHAEL BROWN		03/11/2020
JAMES JAUSSI		03/04/2020
BHARADWAJ PARTHASARATHY		03/04/2020
NITIN A. DESHPANDE		03/04/2020

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:	16816669

CORRESPONDENCE DATA

Fax Number:	(972)226-4837		
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:	6177500620		
Email:	michelle@patcapgroup.com, docketing@patcapgroup.com		
Correspondent Name:	MICHAEL S. MOORE		
Address Line 1:	PATENT CAPITAL GROUP		
Address Line 2:	2816 LAGO VISTA LANE		
Address Line 4:	ROCKWALL, TEXAS 75032		
ATTORNEY DOCKET NUMBER:		AC7733-US	
NAME OF SUBMITTER:		MICHELLE C. MANNING	
SIGNATURE: /Michelle C. Manning/			

DATE SIGNED:	03/12/2020	
Total Attachments: 7		
source=AC7733-US Assignment - signed by all but Ken#page1.tif		
source=AC7733-US Assignment - signed by all but Ken#page2.tif		
source=AC7733-US Assignment - signed by all but Ken#page3.tif		
source=AC7733-US Assignment - signed by all but Ken#page4.tif		
source=AC7733-US Assignment - signed by all but Ken#page5.tif		
source=AC7733-US Assignment - signed by all but Ken#page6.tif		
source=AC7733-US Assignment - signed by all but Ken#page7.tif		

ASSIGNMENT

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

Thomas Liljeerg Andrew Alduino Ravindranath Mahajan Ling Liao Kenneth Brown James Jaussi Bharadwaj Parthasarathy Nitin A. Deshpande

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:

ACTIVE BRIDGE ENABLED CO-PACKAGED PHOTONIC TRANSCEIVER

(I hereby authorize and request any attorney having appropriate authority from the assignce to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on	March 12, 2020	äs	
US COUNTRY or Int	Application Numl	ber16/816,669	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 provisional, design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

Page 1 of 2

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

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.

Thomas Liljeberg

Andrew Alduino

Ravindranath Mahajan

Ling Liao

Kenneth Brown

James Jaussi

Bharadwaj Parthasarathy

Page 2 of 2

(Date)

(Date)

(Date)

(Date)

 $\frac{2020.03.05}{(\text{Date})}$

(Date)

(Date)

Nitin A. Deshpande

(Date)

and agree that said Assignce 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 logal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignce, 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 Assignce, 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.

Thomas Liljeerg

Andrew Alduno

(Date)

(Date)

Ragindranath Mahajan Ling Liao

Kenneth Brown

(Date)

(Daté

(Date)

James Jaussi

Bharadwaj Parthasaradfy

Nitin A. Deshpande

(Date)

(Date

Page 2 of 2

(Date)

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 all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives 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.

Thomas Liljeerg

Andrew Alduino

Ravindranath Mahajan

Ling Liao

Kenneth Brown

James Jaussi

Bharadwaj Parthasarathy

Nitin A. Deshpande

Page 2 of 2

(Date)

(Date)

(Date)

(Date)

(Date)

(Date)

(Date)

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 for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignce, 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.

Thomas Liljeerg	(Date)
Andrew Alduino	(Date)
Ravindranath Mahajan	(Date)
Ling Liao	(Date)
Kenneth Brown	3/11/2020
Kelincul Blown	(Date)
James Jaussi	(Date)
Bharadwaj Parthasarathy	(Date)
Nitin A. Deshpande	(Date)
Page 2 of 2	

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 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.

Thomas Liljeerg	(Date)
Thomas Enjectg	(Dute)
Andrew Alduino	(Date)
Ravindranath Mahajan	(Date)
Ling Liao	(Date)
Kenneth Brown	(Date)
James Jaussr	<u>\$/4/20</u> (Date)
Bharadwaj Parthasarath	y (Date)
Nitin A. Deshpande	(Date)

Page 2 of 2

anifaana diina dadda doo aanii.

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

covenant with said Assignce, 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.

	Thomas Liljeerg	(Date)
	t najbi si 1996 ali pangang kanal Ang mangang sa	(Appendi Canada an sairi da sangar sa Tan na hina mangarata ang Barra ang Barra
	Andrew Alduino	(Date)
	Ravindranath Mahajan	(Date)
	Ling Liao	(Date)
	Kenneth Brown	(Date)
	James Jaussi	(Date)
-	Bharadwaj Parthasarathy	(Date)
-	Nitin A. Deshpande	<u>3/4/2020</u> (Date)
	Page 2 of 2	

PATENT REEL: 052097 FRAME: 0511

RECORDED: 03/12/2020