

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7600614

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRIS D. LUCERO	01/05/2021
KHINE HAN	10/10/2022
JOSHUA D. HEPPNER	10/19/2022
CHRISTOPHER ROSSI	03/08/2022
HADI SHARIFI	01/04/2021
ANIEKEME UDOFIA	03/13/2022
ABDUL BAILEY	12/17/2020
KATHERINE PERKINS	12/29/2020
KEVIN LOWELL HUDSON	12/27/2020
RODERICK E. KRONSCHNABEL	01/04/2021
NEHA PURUSHOTHAMAN	12/27/2020

RECEIVING PARTY DATA

Name:	INTEL CORPORATION
Street Address:	2200 MISSION COLLEGE BLVD.
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17251697

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.

Phone: 612-373-6900**Email:** request@slwip.com**Correspondent Name:** SCHWEGMAN, LUNDBERG & WOESSNER/INTEL**Address Line 1:** P.O.BOX 2938**Address Line 4:** MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	1884.B73US1
NAME OF SUBMITTER:	NANCY CUNDALL
SIGNATURE:	/Nancy Cundall/
DATE SIGNED:	10/20/2022

Total Attachments: 34

source=1884B73US1Assignment#page1.tif
source=1884B73US1Assignment#page2.tif
source=1884B73US1Assignment#page3.tif
source=1884B73US1Assignment#page4.tif
source=1884B73US1Assignment#page5.tif
source=1884B73US1Assignment#page6.tif
source=1884B73US1Assignment#page7.tif
source=1884B73US1Assignment#page8.tif
source=1884B73US1Assignment#page9.tif
source=1884B73US1Assignment#page10.tif
source=1884B73US1Assignment#page11.tif
source=1884B73US1Assignment#page12.tif
source=1884B73US1Assignment#page13.tif
source=1884B73US1Assignment#page14.tif
source=1884B73US1Assignment#page15.tif
source=1884B73US1Assignment#page16.tif
source=1884B73US1Assignment#page17.tif
source=1884B73US1Assignment#page18.tif
source=1884B73US1Assignment#page19.tif
source=1884B73US1Assignment#page20.tif
source=1884B73US1Assignment#page21.tif
source=1884B73US1Assignment#page22.tif
source=1884B73US1Assignment#page23.tif
source=1884B73US1Assignment#page24.tif
source=1884B73US1Assignment#page25.tif
source=1884B73US1Assignment#page26.tif
source=1884B73US1Assignment#page27.tif
source=1884B73US1Assignment#page28.tif
source=1884B73US1Assignment#page29.tif
source=1884B73US1Assignment#page30.tif
source=1884B73US1Assignment#page31.tif
source=1884B73US1Assignment#page32.tif
source=1884B73US1Assignment#page33.tif
source=1884B73US1Assignment#page34.tif

ASSIGNMENT

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

<Chris D. Lucero, Khine Han, Joshua D. Heppner, Christopher Rossi, Hadi Sharifi, Aniekeme Udofia, Abdul Bailey, Katherine Perkins, Kevin Lowell Hudson, Roderick E. Kronschnabel, Neha Purushothaman>

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:

MODULAR SYSTEM FOR INTERNET OF THINGS

(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 **December 11, 2020** as

United States of America Application Number **17/251,697**

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;

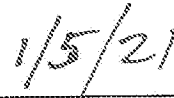
and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent 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 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.



Chris D. Lucero



Date Signed

Khine Han

Date Signed

Joshua D. Heppner

Date Signed

Christopher Rossi

Date Signed

Hadi Sharifi

Date Signed

Aniekeme Udofia

Date Signed

Abdul Bailey

Date Signed

Katherine Perkins

Date Signed

Kevin Lowell Hudson

Date Signed

Roderick E. Kronschnabel

Date Signed

Neha Purushothaman

Date Signed

ASSIGNMENT

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

<Chris D. Lucero, Khine Han, Joshua D. Heppner, Christopher Rossi, Hadi Sharifi, Aniekeme Udofia, Abdul Bailey, Katherine Perkins, Kevin Lowell Hudson, Roderick E. Kronschnabel, Neha Purushothaman>

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:

MODULAR SYSTEM FOR INTERNET OF THINGS

(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 **December 11, 2020** as

United States of America Application Number **17/251,697**

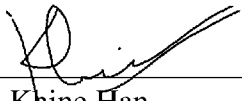
which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

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 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.

_____ Chris D. Lucero	_____ Date Signed
_____  _____ Khine Han	_____ 10/10/2022 _____ Date Signed
_____ Joshua D. Heppner	_____ Date Signed
_____ Christopher Rossi	_____ Date Signed
_____ Hadi Sharifi	_____ Date Signed
_____ Aniekeme Udofia	_____ Date Signed
_____ Abdul Bailey	_____ Date Signed

Katherine Perkins

Date Signed

Kevin Lowell Hudson

Date Signed

Roderick E. Kronschnabel

Date Signed

Neha Purushothaman

Date Signed

ASSIGNMENT

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

<Chris D. Lucero, Khine Han, Joshua D. Heppner, Christopher Rossi, Hadi Sharifi, Aniekeme Udofia, Abdul Bailey, Katherine Perkins, Kevin Lowell Hudson, Roderick E. Kronschnabel, Neha Purushothaman>

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:

MODULAR SYSTEM FOR INTERNET OF THINGS

(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 **December 11, 2020** as

United States of America Application Number **17/251,697**

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 required oaths, assignments, powers of attorney, and other papers, correspondence to said Assignee, its successors, assigns, and legal representatives on 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

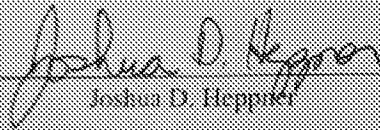
covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Chris D. Lucero

Date Signed

Rhine Han

Date Signed


Joshua D. Heppner

10/19/22

Date Signed

Christopher Rossi

Date Signed

Hadi Sharifi

Date Signed

Aniekeme Udefia

Date Signed

Abdul Bailey

Date Signed

Katherine Perkins

Date Signed

Kevin Lowell Hudson

Date Signed

Roderick E. Kronschnabel

Date Signed

Neha Purushothaman

Date Signed

ASSIGNMENT

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

<Chris D. Lucero, Khine Han, Joshua D. Heppner, Christopher Rossi, Hadi Sharifi, Aniekeme Udofia, Abdul Bailey, Katherine Perkins, Kevin Lowell Hudson, Roderick E. Kronschnabel, Neha Purushothaman>

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:

MODULAR SYSTEM FOR INTERNET OF THINGS

(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 **December 11, 2020** as

United States of America Application Number **17/251,697**

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 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.

Chris D. Lucero

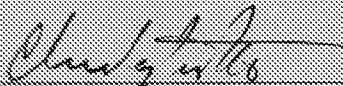
Date Signed

Khine Han

Date Signed

Joshua D. Heppner

Date Signed



Christopher Rossi

3-8-22

Date Signed

Hadi Sharifi

Date Signed

Antekeme Udofia

Date Signed

Abdul Bailey

Date Signed

Katherine Perkins

Date Signed

Kevin Lowell Hudson

Date Signed

Roderick E. Kronschnabel

Date Signed

Neha Purushothaman

Date Signed

ASSIGNMENT

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

<Chris D. Lucero, Khine Han, Joshua D. Heppner, Christopher Rossi, Hadi Sharifi, Aniekeme Udofia, Abdul Bailey, Katherine Perkins, Kevin Lowell Hudson, Roderick E. Kronschnabel, Neha Purushothaman>

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:

MODULAR SYSTEM FOR INTERNET OF THINGS

(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 **December 11, 2020** as

United States of America Application Number **17/251,697**

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 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.

Chris D. Lucero

Date Signed

Khine Han

Date Signed

Joshua D. Heppner

Date Signed

Christopher Rossi

Date Signed

Hadi Sharifi

Hadi Sharifi

1/4/2021

Date Signed

Aniekeme Udofia

Date Signed

Abdul Bailey

Date Signed

Katherine Perkins

Date Signed

Kevin Lowell Hudson

Date Signed

Roderick E. Kronschnabel

Date Signed

Neha Purushothaman

Date Signed

ASSIGNMENT

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

<Chris D. Lucero, Khine Han, Joshua D. Heppner, Christopher Rossi, Hadi Sharifi, Aniekeme Udofia, Abdul Bailey, Katherine Perkins, Kevin Lowell Hudson, Roderick E. Kronschnabel, Neha Purushothaman>

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:

MODULAR SYSTEM FOR INTERNET OF THINGS

(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 **December 11, 2020** as

United States of America Application Number **17/251,697**

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 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.

Chris D. Lucero

Date Signed

Khine Han

Date Signed

Joshua D. Heppner

Date Signed

Christopher Rossi

Date Signed

Hadi Sharifi

Date Signed



Amekeme Udofia

3/13/22

Date Signed

Abdul Bailey

Date Signed

Katherine Perkins

Date Signed

Kevin Lowell Hudson

Date Signed

Roderick E. Kronschnabel

Date Signed

Neha Purushothaman

Date Signed

ASSIGNMENT

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

<Chris D. Lucero, Khine Han, Joshua D. Heppner, Christopher Rossi, Hadi Sharifi, Aniekeme Udofia, Abdul Bailey, Katherine Perkins, Kevin Lowell Hudson, Roderick E. Kronschnabel, Neha Purushothaman>

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:

MODULAR SYSTEM FOR INTERNET OF THINGS

(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 **December 11, 2020** as

United States of America Application Number **17/251,697**

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 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.

_____ Chris D. Lucero	_____ Date Signed
_____ Khine Han	_____ Date Signed
_____ Joshua D. Heppner	_____ Date Signed
_____ Christopher Rossi	_____ Date Signed
_____ Hadi Sharifi	_____ Date Signed
_____ Aniekeme Udofia	_____ Date Signed
 _____ Abdul Bailey	<u>12/17/2020</u> Date Signed

Katherine Perkins

Date Signed

Kevin Lowell Hudson

Date Signed

Roderick E. Kronschnabel

Date Signed

Neha Purushothaman

Date Signed

ASSIGNMENT

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

<Chris D. Lucero, Khine Han, Joshua D. Heppner, Christopher Rossi, Hadi Sharifi, Aniekeme Udofia, Abdul Bailey, Katherine Perkins, Kevin Lowell Hudson, Roderick E. Kronschnabel, Neha Purushothaman>

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:

MODULAR SYSTEM FOR INTERNET OF THINGS

(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 **December 11, 2020** as

United States of America Application Number **17/251,697**

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

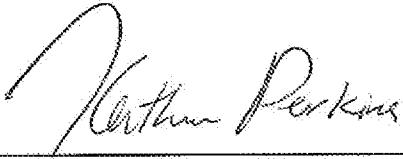
and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents 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 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.

_____ Chris D. Lucero	_____ Date Signed
_____ Khine Han	_____ Date Signed
_____ Joshua D. Heppner	_____ Date Signed
_____ Christopher Rossi	_____ Date Signed
_____ Hadi Sharifi	_____ Date Signed
_____ Aniekeme Udofia	_____ Date Signed
_____ Abdul Bailey	_____ Date Signed



Katherine Perkins

12/29/2020

Date Signed

Kevin Lowell Hudson

Date Signed

Roderick E. Kronschnabel

Date Signed

Neha Purushothaman

Date Signed

ASSIGNMENT

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

<Chris D. Lucero, Khine Han, Joshua D. Heppner, Christopher Rossi, Hadi Sharifi, Aniekeme Udofia, Abdul Bailey, Katherine Perkins, Kevin Lowell Hudson, Roderick E. Kronschnabel, Neha Purushothaman>

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:

MODULAR SYSTEM FOR INTERNET OF THINGS

(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 **December 11, 2020** as

United States of America Application Number **17/251,697**

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

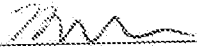
all Additional Applications, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and 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.

_____ Chris D. Lucero	_____ Date Signed
_____ Khine Han	_____ Date Signed
_____ Joshua D. Heppner	_____ Date Signed
_____ Christopher Rossi	_____ Date Signed
_____ Hadi Sharifi	_____ Date Signed
_____ Aniekeme Udofia	_____ Date Signed
_____ Abdul Bailey	_____ Date Signed

Katherine Perkins

Date Signed



Kevin Lowell Hudson

12/27/2020

Date Signed

Roderick E. Kronschnabel

Date Signed

Neha Purushothaman

Date Signed

ASSIGNMENT

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

<Chris D. Lucero, Khine Han, Joshua D. Heppner, Christopher Rossi, Hadi Sharifi, Aniekeme Udofia, Abdul Bailey, Katherine Perkins, Kevin Lowell Hudson, Roderick E. Kronschnabel, Neha Purushothaman>

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:

MODULAR SYSTEM FOR INTERNET OF THINGS

(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 **December 11, 2020** as

United States of America Application Number **17/251,697**

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 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.

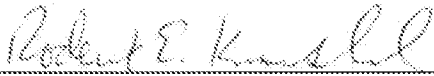
_____ Chris D. Lucero	_____ Date Signed
_____ Khine Han	_____ Date Signed
_____ Joshua D. Heppner	_____ Date Signed
_____ Christopher Rossi	_____ Date Signed
_____ Hadi Sharifi	_____ Date Signed
_____ Aniekeme Udofia	_____ Date Signed
_____ Abdul Bailey	_____ Date Signed

Katherine Perkins

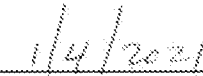
Date Signed

Kevin Lowell Hudson

Date Signed



Roderick E. Kronschnabel



Date Signed

Neha Purushothaman

Date Signed

ASSIGNMENT

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

<Chris D. Lucero, Khine Han, Joshua D. Heppner, Christopher Rossi, Hadi Sharifi, Aniekeme Udofia, Abdul Bailey, Katherine Perkins, Kevin Lowell Hudson, Roderick E. Kronschnabel, Neha Purushothaman>

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:

MODULAR SYSTEM FOR INTERNET OF THINGS

(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 **December 11, 2020** as

United States of America Application Number **17/251,697**

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 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.

_____ Chris D. Lucero	_____ Date Signed
_____ Khine Han	_____ Date Signed
_____ Joshua D. Heppner	_____ Date Signed
_____ Christopher Rossi	_____ Date Signed
_____ Hadi Sharifi	_____ Date Signed
_____ Aniekeme Udofia	_____ Date Signed
_____ Abdul Bailey	_____ Date Signed

Katherine Perkins

Date Signed

Kevin Lowell Hudson

Date Signed

Roderick E. Kronschnabel

Date Signed



Neha Parushothaman

27 Dec 2020

Date Signed