

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6976462

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the NAME OF THE SECOND ASSIGNOR previously recorded on Reel 051975 Frame 0835. Assignor(s) hereby confirms the ASSIGNMENT.
CONVEYING PARTY DATA	
Name	Execution Date
DANIEL P. DALY	10/19/2017
CUNMING LIANG	10/24/2017
JIAN WANG	10/20/2017
MARTIN ROBERTS	10/20/2017
SHIH-WEI CHIEN	10/23/2017
GERALD ROGERS	10/27/2017
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:	16643626
CORRESPONDENCE DATA	
Fax Number:	
<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:	503-551-9442
Email:	annie@compassiplaw.com, bob@compassiplaw.com
Correspondent Name:	TED A. CRAWFORD
Address Line 1:	4804 NW BETHANY BLVD, STE. I-2 #237
Address Line 4:	PORTLAND, OREGON 97229
ATTORNEY DOCKET NUMBER:	D144868-PCT-US
NAME OF SUBMITTER:	ANNIE PEARSON
SIGNATURE:	/Annie Pearson/
DATE SIGNED:	10/19/2021

Total Attachments: 12

source=D144868-PCT-US_Corrective_Signed_Assignment#page1.tif
source=D144868-PCT-US_Corrective_Signed_Assignment#page2.tif
source=D144868-PCT-US_Corrective_Signed_Assignment#page3.tif
source=D144868-PCT-US_Corrective_Signed_Assignment#page4.tif
source=D144868-PCT-US_Corrective_Signed_Assignment#page5.tif
source=D144868-PCT-US_Corrective_Signed_Assignment#page6.tif
source=D144868-PCT-US_Corrective_Signed_Assignment#page7.tif
source=D144868-PCT-US_Corrective_Signed_Assignment#page8.tif
source=D144868-PCT-US_Corrective_Signed_Assignment#page9.tif
source=D144868-PCT-US_Corrective_Signed_Assignment#page10.tif
source=D144868-PCT-US_Corrective_Signed_Assignment#page11.tif
source=D144868-PCT-US_Corrective_Signed_Assignment#page12.tif

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5990395

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DANIEL P. DALY	10/19/2017
CUMMING LIANT	10/24/2017
JIAN WANG	10/20/2017
MARTIN ROBERTS	10/20/2017
SHIH-WEI CHIEN	10/23/2017
GERALD ROGERS	10/27/2017
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:	16643626
CORRESPONDENCE DATA	
Fax Number:	(972)226-4837
<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:	617-268-6487
Email:	liseann@patcapgroup.com
Correspondent Name:	SEAN C. CRANDALL
Address Line 1:	2816 LAGO VISTA LANE
Address Line 2:	PATENT CAPITAL GROUP
Address Line 4:	ROCKWALL, TEXAS 75032
ATTORNEY DOCKET NUMBER:	D144868PCT-US
NAME OF SUBMITTER:	LISE ANN RUGGERI-KALIL
SIGNATURE:	/LISE ANN RUGGERI-KALIL/
DATE SIGNED:	03/02/2020

Total Attachments: 5

source=D144868PCT-US Executed Assignment Parent#page1.tif

source=D144868PCT-US Executed Assignment Parent#page2.tif

source=D144868PCT-US Executed Assignment Parent#page3.tif

source=D144868PCT-US Executed Assignment Parent#page4.tif

source=D144868PCT-US Executed Assignment Parent#page5.tif

ASSIGNMENT

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

Daniel P. Daly, Cunming Liang, Jian Wang, Martin Roberts, Shih-Wei Chien and Gerald Rogers

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, CA 95054-1549 United States ("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:


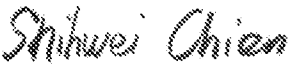
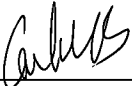
HARDWARE ASSISTED VIRTUAL SWITCH

(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 24 October 2017 as PCT Application Number PCT/CN2017/107442 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 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.

 _____ Daniel P. Daly	<u>Oct 19, 2017</u> _____ Date
_____ Cunming Liang	_____ Date
_____ Jian Wang	_____ Date
_____ Martin Roberts	_____ Date
 _____ Shih-Wei Chien	<u>Oct 23, 2017</u> _____ Date
 _____ Gerald Rogers	<u>Oct 27, 2017</u> _____ Date


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.

_____	_____
Daniel P. Daly	Date
_____	_____
<i>CUNMING LIANG</i>	<i>2017.10.24</i>
_____	_____
Cunming Liang	Date
_____	_____
Jian Wang	Date
_____	_____
Martin Roberts	Date
_____	_____
Shih-Wei Chien	Date
_____	_____
Gerald Rogers	Date

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.

_____ Daniel P. Daly	_____ Date
_____ Cunming Liang	_____ Date
_____ <i>Jian Wang</i> Jian Wang	_____ <i>20th October, 2017</i> Date
_____ Martin Roberts	_____ Date
_____ Shih-Wei Chien	_____ Date
_____ Gerald Rogers	_____ Date

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.

_____	_____
Daniel P. Daly	Date
_____	_____
Cunming Liang	Date
_____	_____
Jian Wang	Date
	20/10/17
_____	_____
Martin Roberts	Date
_____	_____
Shih-Wei Chien	Date
_____	_____
Gerald Rogers	Date

ASSIGNMENT

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

Daniel P. Daly, Cunming Liang, Jian Wang, Martin Roberts, Shih-Wei Chien and Gerald Rogers

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, CA 95054-1549 United States ("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:


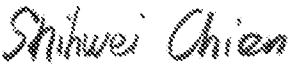
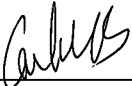
HARDWARE ASSISTED VIRTUAL SWITCH

(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 24 October 2017 as PCT Application Number PCT/CN2017/107442 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 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.

 _____ Daniel P. Daly	<u>Oct 19, 2017</u> Date
_____ Cunming Liang	_____ Date
_____ Jian Wang	_____ Date
_____ Martin Roberts	_____ Date
 _____ Shih-Wei Chien	<u>Oct 23, 2017</u> Date
 _____ Gerald Rogers	<u>Oct 27, 2017</u> Date


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.

_____	_____
Daniel P. Daly	Date
_____	_____
<i>CUNMING LIANG</i>	<i>2017.10.24</i>
_____	_____
Cunming Liang	Date
_____	_____
Jian Wang	Date
_____	_____
Martin Roberts	Date
_____	_____
Shih-Wei Chien	Date
_____	_____
Gerald Rogers	Date

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.

_____	_____
Daniel P. Daly	Date
_____	_____
Cunming Liang	Date
_____	_____
<i>Jian Wang</i>	<i>20th October, 2017</i>
Jian Wang	Date
_____	_____
Martin Roberts	Date
_____	_____
Shih-Wei Chien	Date
_____	_____
Gerald Rogers	Date

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.

_____	_____
Daniel P. Daly	Date
_____	_____
Cunming Liang	Date
_____	_____
Jian Wang	Date
	20/10/17
_____	_____
Martin Roberts	Date
_____	_____
Shih-Wei Chien	Date
_____	_____
Gerald Rogers	Date