

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5947207

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WINNIE CHAU	01/06/2020
JOHN PHILIP MULLIGAN	01/06/2020
RECEIVING PARTY DATA	
Name:	AT&T GLOBAL NETWORK SERVICES HONG KONG LTD
Street Address:	22/F CITYPLAZA ONE, TAIKOO SHING
Internal Address:	1111 KING'S ROAD
City:	ISLAND EAST
State/Country:	HONG KONG
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16722586
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>	
Email:	jonathan@hciplaw.com
Correspondent Name:	AT&T LEGAL DEPARTMENT - H&C ATTN: PATENT
Address Line 1:	ONE AT&T WAY
Address Line 2:	ROOM 2A212
Address Line 4:	BEDMINSTER, NEW JERSEY 07921
ATTORNEY DOCKET NUMBER:	2019-0824/60027.6068US01
NAME OF SUBMITTER:	JONATHAN A. PAULIS
SIGNATURE:	/Jonathan A. Paulis/
DATE SIGNED:	02/05/2020
Total Attachments: 6	
source=6068US01 Executed Chau Assignment - AT&T Global Network Services Hong Kong LTD#page1.tif	
source=6068US01 Executed Chau Assignment - AT&T Global Network Services Hong Kong LTD#page2.tif	
source=6068US01 Executed Chau Assignment - AT&T Global Network Services Hong Kong LTD#page3.tif	
source=6068US01 Executed Mulligan Assignment - AT&T Global Network Services Hong Kong LTD#page1.tif	
source=6068US01 Executed Mulligan Assignment - AT&T Global Network Services Hong Kong LTD#page2.tif	

To all to whom these presents shall come:

I, Anthony Kin-Sum Poon, Notary Public, duly authorised, admitted and sworn, residing and practising in Hong Kong, Special Administrative Region of the People's Republic of China, **Do Hereby Certify** that there personally appeared before me **WINNIE CHAU** who having been properly identified executed the attached **ASSIGNMENT** in my presence.

For the text of the annexed document, I assume no responsibility.

In Testimony whereof, I have hereunto subscribed my name and affixed my Seal of Office in Hong Kong, Special Administrative Region of the People's Republic of China this 6th day of January Two thousand and twenty.

Notary Public


ANTHONY KIN-SUM POON
Notary Public, Hong Kong
Special Administrative Region of
the People's Republic of China
14th Floor, One Taikoo Place
979 King's Road, Quarry Bay
Hong Kong

PATENT
REEL: 051724 FRAME: 0816

ASSIGNMENT

WHEREAS, I, **Winnie Chau**, residing at Flat 10C, Block 23, Baguio Villa, 555 Victoria Road, Hong Kong, HK, am listed as an inventor on a patent application entitled "**Zero-Knowledge Proof Network Protocol For N-Party Verification Of Shared Internet Of Things Assets**," having AT&T Docket No. 2019-0824, the patent application to be filed in the United States Patent & Trademark Office; and

WHEREAS, AT&T Global Network Services Hong Kong LTD, a company organized and existing under and by virtue of the laws of Hong Kong, and having an office and place of business at 22/F Cityplaza One, Taikoo Shing, 1111 King's Road, Island East, Hong Kong (hereinafter referred to as "Assignee"), desires to acquire the entire right, title and interest for the United States of America and elsewhere throughout the world in and to said invention and the patent application identified above, including any and all divisions and continuations thereof and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereto;

NOW THEREFORE, be it known that for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention and this non-provisional application, and all divisions, substitutions, and continuations thereof; and all Letters Patent of the United States which may be granted thereon, and all reexaminations and reissues thereof; and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application; and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, including certificates of inventions, utility models, industrial design protection, design patent protection, and other governmental grants or issuances; and all extensions, renewals, prolongations, and reissues thereof; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term and terms for all such patents;

AND, I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any assignment, sale, license, agreement, or encumbrance in conflict with this Assignment;

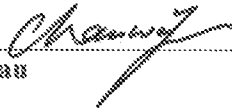
AND, I HEREBY further covenant and agree, for the Assignor and the Assignor's legal representatives, that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention; assist the Assignee in the prosecution of the patent application identified above; assist in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; testify in any interference, litigation, or other legal proceeding; sign all lawful papers when called upon to do so; execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns; execute all divisional, continuation, and reissue applications; make all rightful oaths and generally do everything possible to aid Assignee, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee; and hereby instruct, and further

covenant and agree to bind my heirs, legal representatives, and assigns, to do same, without compensation, but at the expense of Assignee or its representatives.

AND, I HEREBY consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T Global Network Services Hong Kong LTD to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

This Assignment may be executed in any number of counterparts, each of which when so executed and delivered shall be deemed an original, and such counterparts together shall constitute one and the same instrument. A facsimile copy of this Assignment, or any form of an electronic copy of this Assignment, including the signature pages hereto, shall be deemed to be an original.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 6th day of
January, 2020.



Winnie Chau

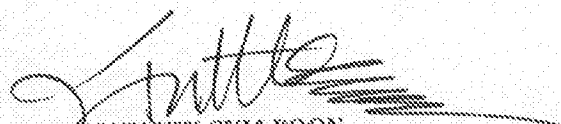
To all to whom these presents shall come:

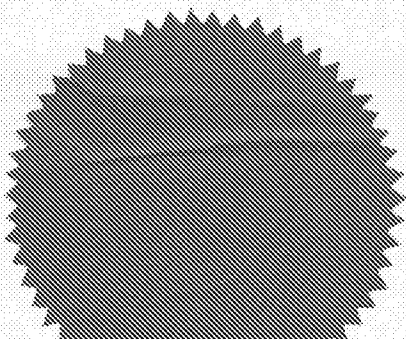
I, Anthony Kin-Sum Poon, Notary Public, duly authorised, admitted and sworn, residing and practising in Hong Kong, Special Administrative Region of the People's Republic of China, **Do Hereby Certify** that there personally appeared before me **JOHN PHILIP MULLIGAN** who having been properly identified executed the attached **ASSIGNMENT** in my presence.

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ANTHONY KIN-SUM POON
Notary Public, Hong Kong
Special Administrative Region of
the People's Republic of China
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979 King's Road, Quarry Bay
Hong Kong



ASSIGNMENT

WHEREAS, I, **John Philip Mulligan**, residing at 1B, Tai Tam Gardens, 700 Tai Tam Reservoir Road, Island South, HK, am listed as an inventor on a patent application entitled "**Zero-Knowledge Proof Network Protocol For N-Party Verification Of Shared Internet Of Things Assets**," having AT&T Docket No. 2019-0824, the patent application to be filed in the United States Patent & Trademark Office; and

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NOW THEREFORE, be it known that for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention and this non-provisional application, and all divisions, substitutions, and continuations thereof; and all Letters Patent of the United States which may be granted thereon, and all reexaminations and reissues thereof; and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application; and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, including certificates of inventions, utility models, industrial design protection, design patent protection, and other governmental grants or issuances; and all extensions, renewals, prolongations, and reissues thereof; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term and terms for all such patents;

AND, I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any assignment, sale, license, agreement, or encumbrance in conflict with this Assignment;

AND, I HEREBY further covenant and agree, for the Assignor and the Assignor's legal representatives, that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention; assist the Assignee in the prosecution of the patent application identified above; assist in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; testify in any interference, litigation, or other legal proceeding; sign all lawful papers when called upon to do so; execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns; execute all divisional, continuation, and reissue applications; make all rightful oaths and generally do everything possible to aid Assignee, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee; and hereby instruct, and further

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January, 2020.


John Philip Mulligan