506377325 11/30/2020

EPAS ID: PAT6424081

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MOSHIUR RAHMAN	11/28/2020
DANIEL SOLERO	11/29/2020
WILLIAM TROST	11/30/2020

RECEIVING PARTY DATA

Name:	AT&T Intellectual Property I, L.P.		
Street Address:	754 Peachtree Street		
Internal Address:	Suite 7C		
City:	Atlanta		
State/Country:	GEORGIA		
Postal Code:	30308		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17107828

CORRESPONDENCE DATA

Fax Number: (908)532-1991

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: 9085321918

Email: jonathan@hciplaw.com

AT&T LEGAL DEPARTMENT - H&C ATTN: PATENT **Correspondent Name:**

Address Line 1: ONE AT&T WAY Address Line 2: **ROOM 2A-207**

Address Line 4: BEDMINSTER, NEW JERSEY 07921

ATTORNEY DOCKET NUMBER:	2019-1236/60027.6114US01	
NAME OF SUBMITTER:	JONATHAN A. PAULIS	
SIGNATURE:	/Jonathan A. Paulis/	
DATE SIGNED:	11/30/2020	

Total Attachments: 6

source=6114US01 Executed Assignment - Rahman#page1.tif source=6114US01 Executed Assignment - Rahman#page2.tif

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source=6114US01 Executed Assignment - Trost#page2.tif

ASSIGNMENT

WHEREAS, I/we, **Moshiur Rahman**, residing at 105 Stevenson Drive, Marlboro, NJ 07746, US, am/are listed as an inventor on a patent application entitled "Quantum Tampering Threat Management," having AT&T Docket No. 2019-1236, the patent application filed in the United States Patent & Trademark Office on November 30, 2020 and assigned U.S. Patent Application Serial No. 17/107,828 (I/we hereby authorize and request Assignee (defined below) or any agent or attorney of Assignee to insert the filing date and application number above when known, and any further identification information, if required); and

WHEREAS, AT&T Intellectual Property I, L.P., a partnership organized and existing under and by virtue of the laws of the State of Nevada, and having an office and place of business at 754 Peachtree Street NE, Suite 7C, Atlanta, Georgia 30308 (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, in accordance with any employment-related or contracting agreement and in consideration of the sum of Ten Dollars (\$10.00) and/or other good and valuable consideration, including, without limitation, any patent awards received for such invention, employmentrelated benefits, and/or continued employment, the receipt and sufficiency of which from Assignee is hereby acknowledged and so agreed, I/we, 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/our 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/we 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/we HEREBY covenant that I/we have the full right to convey the interest assigned by this Assignment, and I/we have not executed and will not execute any assignment, sale, license, agreement, or encumbrance in conflict with this Assignment;

AND, I/we HEREBY further covenant and agree, for the Assignor and the Assignor's legal representatives, that I/we 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

Page 1 of 2

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/our heirs, legal representatives, and assigns, to do same, without compensation, but at the expense of Assignee or its representatives.

AND, I/we 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 Intellectual Property I, L.P. 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 FESTIMONY WHEREOF, I/we have hereunto set my/our hands this 28 day of No. 2020.

Moshiur Rahman

STATE OF NOW DEGLET)

On this <u>Jole Nove</u>, 2020, before me a Notary Public in and for the above County and State, personally appeared **Moshiur Rahman**, and acknowledged the execution of the foregoing assignment as his/her free act and deed for the purpose herein set forth.

[SEAL]

NICOLE M STOECKEL

Notary Public

State of New Jersey
My Commission Expires Jan. 29, 2024
I,D.# 2442500

With Bahir

ASSIGNMENT

WHEREAS, I/we, **Daniel Solero**, residing at 2844 Mira Vista Lane, Rockwall, TX 75032, US, am/are listed as an inventor on a patent application entitled "Quantum Tampering Threat Management," having AT&T Docket No. 2019-1236, the patent application filed in the United States Patent & Trademark Office on November 30, 2020 and assigned U.S. Patent Application Serial No. 17/107,828 (I/we hereby authorize and request Assignee (defined below) or any agent or attorney of Assignee to insert the filing date and application number above when known, and any further identification information, if required); and

WHEREAS, AT&T Intellectual Property I, L.P., a partnership organized and existing under and by virtue of the laws of the State of Nevada, and having an office and place of business at 754 Peachtree Street NE, Suite 7C, Atlanta, Georgia 30308 (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, in accordance with any employment-related or contracting agreement and in consideration of the sum of Ten Dollars (\$10.00) and/or other good and valuable consideration, including, without limitation, any patent awards received for such invention, employmentrelated benefits, and/or continued employment, the receipt and sufficiency of which from Assignee is hereby acknowledged and so agreed, I/we, 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/our 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/we 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/we HEREBY covenant that I/we have the full right to convey the interest assigned by this Assignment, and I/we have not executed and will not execute any assignment, sale, license, agreement, or encumbrance in conflict with this Assignment;

AND, I/we HEREBY further covenant and agree, for the Assignor and the Assignor's legal representatives, that I/we 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/our heirs, legal representatives, and assigns, to do same, without compensation, but at the expense of Assignee or its representatives.

AND, I/we 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 Intellectual Property I, L.P. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

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				dimmi,	
		Daniel S	iolero		
STATE OF	<u> </u>				
COUNTY OF					
On thi	sday of		2020, before me	a Notary Public in a	nd for the
above County and St			iolero, and ackno purpose herein set		ion of the
foregoing assignment a		•	•		
foregoing assignment a					

ASSIGNMENT

WHEREAS, I/we, **William Trost**, residing at 8306 W. Holly Road, Mequon, WI 53097, US, am/are listed as an inventor on a patent application entitled "Quantum Tampering Threat Management," having AT&T Docket No. 2019-1236, the patent application filed in the United States Patent & Trademark Office on November 30, 2020 and assigned U.S. Patent Application Serial No. 17/107,828 (I/we hereby authorize and request Assignee (defined below) or any agent or attorney of Assignee to insert the filing date and application number above when known, and any further identification information, if required); and

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Novemb	IN TESTIMO ¥2, 2020.	NY WHEREOF	, I/we have hereunto set my/our hunds this <u>3</u> 5 ^{7*} day of
			William Trest
STATE OF)	
COUNTY OF) 55	
	and State, person	mally appeared	, 2020, before me a Notary Public in and for the William Trost, and acknowledged the execution of the ed for the purpose herein set forth.
[SEAL]			Notary Public

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