506950148 10/29/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6996985

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| HOI-KWONG LO | 01/14/2020 |
| MATTIA MONTAGNA | 01/17/2020 |

RECEIVING PARTY DATA

| Name: | THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO | |
|-------------------|--|--|
| Street Address: | BANTING INSTITUTE, HERITAGE BUILDING | |
| Internal Address: | 100 COLLEGE STREET, SUITE 413 | |
| City: | TORONTO | |
| State/Country: | CANADA | |
| Postal Code: | M5G1L5 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 17500199 |

CORRESPONDENCE DATA

Fax Number: (416)907-3317

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.

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| ATTORNEY DOCKET NUMBER: | 100-046USCIP | |
|-------------------------|----------------|--|
| NAME OF SUBMITTER: | MARC LAMPERT | |
| SIGNATURE: | /MARC LAMPERT/ | |
| DATE SIGNED: | 10/29/2021 | |

Total Attachments: 3

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PATENT REEL: 057960 FRAME: 0937 506950148

ASSIGNMENT

WHEREAS,

LO, Hoi-Kwong; MONTAGNA, Mattia

hereinafter referred to as the "Assignors", whose full post office addresses are.

1215-45 Carlton Street, Toronto, Ontario M5B 2H9, Canada

Via Cazzani 4, Certosa di Pavia, 27012, Italy

have made an invention relating to and entitled:

KEY DISTRIBUTION PROTOCOL FOR USE IN COMMUNICATION NETWORKS aka KEY GENERATION FOR USE IN SECURED COMMUNICATION

hereinafter referred to as the "Invention", as fully set forth and described in an application for Letters Patent identified as:

Country

Serial Number

Filing Date

U.S.A.

62/907.997

September 30, 2019

United Kingdom

1917748.4

December 5, 2019;

hereinafter referred to as the "Application";

AND WHEREAS,

THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO

hereinafter referred to as the "Assignee", whose full post office address is

Banting Institute, Heritage Building

100 College Street, Suite 413

Toronto, Ontario M5G1L5, Canada

desires to acquire the Assignors' entire right, title and interest in and to the Invention and the Application;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignors confirm they have, as of **September 30, 2019** sold, assigned, transferred and set over, and for greater certainty, do hereby sell, assign, transfer and set over to the Assignee, its successors, assigns, or legal representatives, their entire right, title and interest for Canada, the United States and all other countries throughout **the World** in and to the Invention, together with their entire right, title and interest in and to the Applications and any and all Letters Patent that may issue for the Invention, including any and all divisions, reissues, continuations and extensions of the Applications, to the full end of the term for which each said Letters Patent may be granted, and including any right to claim priority based on the Applications, the same to be held and enjoyed as fully and completely

PATENT REEL: 057960 FRAME: 0938 as the same would have been held and enjoyed by the Assignors had this Assignment not been made;

AND the Assignors, on behalf of themselves and their executors and administrators, do hereby covenant and agree to do all such lawful acts and things and to execute without further consideration such further lawful assignments, documents, assurances, applications and other instruments as may reasonably be required by the Assignee, its successors, assigns, or legal representatives, to obtain any and all Letters Patent for the Invention and vest the same in the Assignee, its successors, assigns, or legal representatives.

AND the Assignors, on behalf of themselves and their executors and administrators, do hereby authorize the Assignee, its successors, assigns, or legal representatives, including its Patent Agent, Bhole IP Law, to amend this assignment to insert or correct the filing date, serial number or other identifying information of the Application as may be needed to record this assignment.

| EXECUTED at(city),(| <u> C&ha∬a</u> (country). | |
|--------------------------------|-------------------------------|--|
| | Witness | |
| LO, Hoi-Kwong | Diane Silva | |
| Name AL. | Name Jiana Salam | |
| Signature 14 Jany 2020 | Signaldré | |
| Date | Date | |
| | | |
| EXECUTED at Toronto (city), Co | country). | |
| | Witness | |
| MONTAGNA, Mattia | | |

PATENT REEL: 057960 FRAME: 0939

| Name ///g/tin/ Montagna/ Signature 19 5000 2020 Date | Name ///// Signature Jan 17, 2-20 Date | | |
|---|---|--|--|
| ACKNOWLE | DGEMENT | | |
| The Assignee hereby ac | ccepts the assignment. | | |
| EXECUTED at Toron 40 (city), CQ n Q o Q (country). | | | |
| THE GOVERNING COUNCIL OF THE UNIVERSI TORONTO Stéphane Lévesque, Ph.D. Patents, Innovations & Parinerships Office | TY OF | | |
| Name | | | |
| Signature / | | | |
| Patent Portfolio Manage | <u> </u> | | |
| Title | | | |
| January 20, 2020 | | | |
| | | | |

The signatory is duly authorized by the Office of the Vice-President Research and Innovation of The Governing Council of the University of Toronto to sign the said document.

PATENT REEL: 057960 FRAME: 0940

RECORDED: 10/29/2021