

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5408346

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BRUNO COUILLARD	02/22/2019
BRADLEY CLARE RITCHIE	02/22/2019
JAMES ROSS GOODMAN	02/22/2019
JEAN-PIERRE Fiset	02/22/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CRYPTO4A TECHNOLOGIES INC.
<b>Street Address:</b>	F3006, 283 BOULEVARD ALEXANDRE-TACHÉ
<b>City:</b>	GATINEAU
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	J9A 1L8
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16294178
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(949)760-9502
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<b>Phone:</b>	9497600404
<b>Email:</b>	efiling@knobbe.com
<b>Correspondent Name:</b>	KNOBBE, MARTENS, OLSON & BEAR, LLP
<b>Address Line 1:</b>	2040 MAIN STREET, 14TH FLOOR
<b>Address Line 4:</b>	IRVINE, CALIFORNIA 92614
<b>ATTORNEY DOCKET NUMBER:</b>	MERZ019.001C1
<b>NAME OF SUBMITTER:</b>	KEITH M. LIM
<b>SIGNATURE:</b>	/Keith M. Lim/
<b>DATE SIGNED:</b>	03/06/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 6</b>	
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**COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))***Application Data Sheet filed previously or concurrently*

Docket No.: MERZ019.001C1

Page 1 of 6

Title: HARDWARE SECURITY MODULE

Inventors: Bruno Couillard, Bradley Clare Ritchie, James Ross Goodman, Jean-Pierre Fiset

**Declaration**

This Declaration is directed to International Application No. **PCT/CA2018/050630**, filed May 30, 2018 and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

**Assignment from Inventors**

WHEREAS, **above-identified inventors** (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental designs, or discoveries, and hereby assign or are under an obligation to assign to the below identified Assignee the above-titled application (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States (identified above) has been prepared for filing with the United States Patent and Trademark Office (hereinafter the "Application").

AND WHEREAS, **CRYPTO4A TECHNOLOGIES INC.**, with its principal place of business at F3006, 283 boulevard Alexandre-Tache Gatineau, Québec J9A 1L8, Canada (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all Patent Properties filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

all provisional applications relating thereto, including U.S. Provisional Patent Application No. 62/513103, filed on May 31, 2017, and U.S. Provisional Patent Application No. 62/532138, filed on July 13, 2017;

all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof; and

all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof.

**PATENT****REEL: 048523 FRAME: 0225**

**COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))**

*Application Data Sheet filed previously or concurrently*

Docket No.: MERZ019.001C1

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Title: HARDWARE SECURITY MODULE

Inventors: Bruno Couillard, Bradley Clare Ritchie, James Ross Goodman, Jean-Pierre Fiset

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all aforementioned Patent Properties, and authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Property relating to the Application and the Work or any improvements made thereto, sign/execute all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

**COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))**

*Application Data Sheet filed previously or concurrently*

Docket No.: MERZ019.001C1

Page 3 of 6

Title: HARDWARE SECURITY MODULE

Inventors: Bruno Couillard, Bradley Clare Ritchie, James Ross Goodman, Jean-Pierre Fiset

Legal Name of inventor: Bruno Couillard

Signature: \_\_\_\_\_

Date: 22 Feb 2019

Witnessed by: \_\_\_\_\_

Witness Name (printed): \_\_\_\_\_

JIM GOODMAN

**COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))**

*Application Data Sheet filed previously or concurrently*

Docket No.: MERZ019.001C1

Page 4 of 6

Title: HARDWARE SECURITY MODULE

Inventors: Bruno Couillard, Bradley Clare Ritchie, James Ross Goodman, Jean-Pierre Fiset

Legal Name of inventor: Bradley Clare Ritchie

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_

Witness Name (printed): \_\_\_\_\_

BRUNO COUILLARD

**PATENT**

**REEL: 048523 FRAME: 0228**

**COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))**

*Application Data Sheet filed previously or concurrently*

Docket No.: MERZ019.001C1

Page 5 of 6

Title: HARDWARE SECURITY MODULE

Inventors: Bruno Couillard, Bradley Clare Ritchie, James Ross Goodman, Jean-Pierre Fiset

Legal Name of inventor: James Ross Goodman

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

FEB 22/19

Witnessed by: \_\_\_\_\_

Witness Name (printed): \_\_\_\_\_

BRUNO COUILLARD

**PATENT**

**REEL: 048523 FRAME: 0229**

**COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))**

*Application Data Sheet filed previously or concurrently*

Docket No.: MERZ019.001C1

Page 6 of 6

Title: HARDWARE SECURITY MODULE

Inventors: Bruno Couillard, Bradley Clare Ritchie, James Ross Goodman, Jean-Pierre Fiset

Legal Name of inventor: Jean-Pierre Fiset

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

2019-02-22

Witnessed by: \_\_\_\_\_

Witness Name (printed): \_\_\_\_\_

Bruno Couillard

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