PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4952745

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATTHIEU LEGRE	07/22/2014
GRÉGOIRE RIBORDY	07/28/2014

RECEIVING PARTY DATA

Name:	ID QUANTIQUE SA	
Street Address:	CHEMIN DE LA MARBRERIE 3	
City:	CAROUGE	
State/Country:	SWITZERLAND	
Postal Code:	CHE-1227	

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	61391127
PCT Number:	IB2011002372
Application Number:	15452902

CORRESPONDENCE DATA

Fax Number:

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.

Email: assistant@davincipartners.com
Correspondent Name: DA VINCI PARTNERS LLC

Address Line 1: RATHAUSGASSE 1

Address Line 4: ARBON, SWITZERLAND CHE-9320

ATTORNEY DOCKET NUMBER: PUS-I002-005-N

NAME OF SUBMITTER: MARA STOJANOVIC

SIGNATURE: /S MARA STOJANOVIC/

DATE SIGNED: 05/09/2018

Total Attachments: 2

source=PUS-I002-005-N_PATENT_RIGHTS_ASSIGNMENT#page1.tif source=PUS-I002-005-N_PATENT_RIGHTS_ASSIGNMENT#page2.tif

PATENT 504906001 REEL: 045750 FRAME: 0249

PATENT RIGHTS ASSIGNMENT

FOR VALUE RECEIVED, the receipt of which is hereby acknowledged, the following inventor(s) (hereinafter called "ASSIGNOR")

LEGRE, Matthieu of Geneva, SWITZERLAND RIBORDY, Grégoire of Geneva, SWITZERLAND

hereby assign(s), transfer(s) and set(s) over to:

ID Quantique SA of Carouge GE, SWITZERLAND

(hereinafter called "ASSIGNEE"), the entire worldwide right, title, and interest in and to the invention known as:

APPARATUS AND METHOD FOR THE DETECTION OF ATTACKS TAKING CONTROL OF THE SINGLE PHOTON DETECTORS OF A QUANTUM CRYPTOGRAPHY APPARATUS BY RANDOMLY CHANGING THEIR EFFICIENCY

including but not limited to all design, Gebrauchsmuster, Geschmacksmuster, patents or related applications therefor, such as US provisional patent application No. 61/391,127 filed on 8 October 2010, International patent application No. PCT/IB2011/002372 filed on 10 October 2011, regular US patent application No. 13/877,667 filed on 14 January 2014 and any further US patent applications, international applications and/or national or regional applications therefor that may be filed, including US divisional patent application No. 15/452,902 filed on March 8, 2017

including the exclusive right to claim priority to this/these or any prior filed application or applications, including all rights, if any, throughout the entire world to sue for all infringements, including past infringements which may have occurred before the execution of this assignment.

- (1) The ASSIGNOR agrees without charge to said ASSIGNEE but at the ASSIGNEE's expense (a) to execute (i) all necessary papers to be used in connection with this application and any additional, continuing, or divisional applications, as the ASSIGNEE may deem necessary or expedient, (ii) all papers in connection with any interference or other legal or quasi-legal proceedings relating to this application or any additional, continuing, or divisional application thereof, (iii) all papers and documents which may be necessary in connection with the preparation and filing of any foreign applications or with making claims to priority rights granted under the provisions of the International Convention for Protection of Industrial Property or similar agreements; (b) to cooperate with ASSIGNEE in every way possible in obtaining evidence and in going forward in any such proceedings; and (c) to perform all other affirmative acts which may be necessary or desirable to obtain a grant of a valid patent for said invention in any country throughout the world.
- (2) ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and the appropriate officials in any other country, to issue any and all Letters Patent that may be granted upon any application or any additional, continuing, or divisional applications thereof to the ASSIGNEE, his successors and assigns.

PATENT REEL: 045750 FRAME: 0250

PATENT RIGHTS ASSIGNMENT

- (3) ASSIGNOR hereby covenants and warrants that he has full right to convey the entire right, title, and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.
- (4) ASSIGNOR hereby grants to John Moetteli, Reg. No. 35,289 and Sherman Pernia, Reg. No. 34,404 and Sharon Gobat, Reg. No. 44,730 and the firm of Da Vinci Partners LLC of Arbon, Switzerland, separately or individually, the authority and power to insert on this instrument any further identification which may be necessary or desirable for purposes of recordation in the United States Patent Office or a Patent Office of any foreign country.

Date: X 22/0 7/2014	Name of ASSIGNOR1: LEGRE, Matthieu Signature of ASSIGNOR1: X
Date: X 28th July 10/1	Name of ASSIGNOR2: RIBORDY, Grégoire Signature of ASSIGNOR2: X
Wherever possible, please have	e two persons witness the signature of the ASSIGNOR:
Name: FELK %	ne Name GONAT Coment
······································	
Name:	Name:

PATENT REEL: 045750 FRAME: 0251

RECORDED: 05/09/2018