

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5554525

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
QUBITEKK, INC.	03/28/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	QINETIQ LIMITED
<b>Street Address:</b>	CODY TECHNOLOGY PARK, IVELY ROAD
<b>City:</b>	FARNBOROUGH
<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	GU14 0LX
<b>PROPERTY NUMBERS Total: 17</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	8768992
Patent Number:	8693685
Patent Number:	8611534
Patent Number:	8254079
Patent Number:	8885828
Patent Number:	8855316
Patent Number:	9148225
Patent Number:	8650401
Patent Number:	8654979
Patent Number:	8792791
Patent Number:	8755525
Patent Number:	8639932
Patent Number:	8749875
Patent Number:	8762728
Patent Number:	8681982
Patent Number:	8683192
Patent Number:	9692595
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)748-5915
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent</i>	
<b>PATENT</b>	

*using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**Phone:** 2027485902  
**Email:** ip@kviplaw.com, yhassan@kviplaw.com  
**Correspondent Name:** KENEALY VAIDYA LLP  
**Address Line 1:** 3000 K ST NW, SUITE 200  
**Address Line 4:** WASHINGTON, D.C., D.C. 20007

<b>ATTORNEY DOCKET NUMBER:</b>	5054-0042
<b>NAME OF SUBMITTER:</b>	ERIC D. MOREHOUSE
<b>SIGNATURE:</b>	/Eric D. Morehouse/
<b>DATE SIGNED:</b>	06/04/2019

**Total Attachments: 7**

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**SCHEDULE 3**

**Confirmatory Assignment**

THIS CONFIRMATORY ASSIGNMENT is dated and effective from <sup>MARCH 2019</sup> 28 and is by and between:

**QINETIQ LIMITED** (Company number 3796233) a company registered in England and Wales whose registered office is at Cody Technology Park, Ively Road, Farnborough, GU14 0LX (the "Assignor"); and

**QUBITEKK, INC.** (Company number C3563288 California / 5220639 Delaware) incorporated and registered in Delaware, USA whose registered office is at 1400 Norris Rd, Bakersfield, CA 93308, USA and place of business is at 1216 Liberty Way, Vista, CA 02081, USA (the "Assignee")

**WHEREAS** the Assignor owns certain granted patents and applications for patents, as set out in Annex 1 (the "Patents"), and the Assignor and Assignee have entered into a Patent Assignment Agreement dated 27 <sup>MARCH 2019</sup> (the "Patent Assignment").

**CONFIRMATION OF ASSIGNMENT**

- (1) The Assignor confirms that, by way of the Patent Assignment, and for the consideration specified in the Patent Assignment, it has assigned absolutely all of its right, title and interest in the Patents, to be held and enjoyed by Qubitekk forever, as fully and entirely as the same would have been held and enjoyed by the Assignor had this assignment and sale not been made, and in and to all and any inventions disclosed in the Patents, subject to the clauses of the Patent Assignment, including:
  - (a) in respect of each and any invention disclosed in the Patents, the right to file an application, claim priority from such application, and prosecute and obtain grant of patent or similar protection in or in respect of any country or territory in the world;
  - (b) the right to extend to or register in, or in respect of, any country or territory in the world each and any of the Patents, and each and any of the applications filed as aforesaid, and to extend to or register in or in respect of any country or territory in the world any patent or like protection granted on any of such applications;
  - (c) the absolute entitlement to any patents granted pursuant to any of the applications filed as aforesaid; and
  - (d) the right to bring, make, oppose, defend, appeal proceedings, claims or actions and obtain relief (and to retain any damages recovered) in respect of any infringement, or any other cause of action arising from ownership, of the Patents, whether occurring before, on or after the effective date of the Patent Assignment.




and with sub-paragraphs (a) to (d) inclusive above being subject to the provisions of the Patent Assignment.

- (2) The purpose of this document is to confirm the assignment by the Assignor of the rights, title and interest in the Patents to Qubitekk and it is not intended to replace, supersede, modify or otherwise affect the operation of the terms of the Patent Assignment. The parties acknowledge and agree that the Patent Assignment is the determinative document pursuant to which such assignment was agreed and effected, and by which matters concerning the assignment are governed, and that this document serves only a confirmatory purpose and does not by itself create rights or obligations between the parties.

IN WITNESS of which the parties hereto have executed this document on the dates stated below.

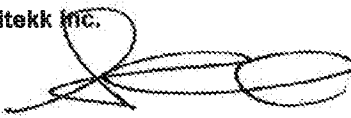
**Assignor:**

**QinetiQ Limited**

By:   
Name: JAW MESSENT  
Title: DIRECTOR & SECRETARY

**Assignee:**

**Qubitekk Inc.**

By:   
Name: STAN ELROD  
Title: CEO



## ANNEX 1

## Patents

QinetiQ Reference Number	Country	Status	Priority Date	Application Number	Filing Date	Patent Number	Title
P7393	DE	Granted	22-Feb-06	07712756.1	19-Feb-2007	602007014829.4	Apparatus and method for generating random numbers
P7393	FR	Granted	22-Feb-06	07712756.1	19-Feb-2007	1987420	Apparatus and method for generating random numbers.
P7393	GB	Granted	22-Feb-06	07712756.1	19-Feb-2007	1987420	Apparatus and method for generating random numbers
P7393	JP	Granted	22-Feb-06	2008-555860	19-Feb-2007	5384118	Apparatus and method for generating random numbers
P7393	US	Granted	22-Feb-06	12/260219	19-Feb-2007	8768992	Apparatus and method for generating random numbers
P7394	JP	Granted	05-Jul-06	2013-055300	04-Jul-2007	5512848	Quantum Cryptography Apparatus
P7394	US	Granted	05-Jul-06	12/306969	04-Jul-2007	8693685	Quantum Cryptography Apparatus
P7394	DE	Granted	05-Jul-06	07766155.1	04-Jul-2007	602007047732.8	Quantum Cryptography Apparatus
P7394	FR	Granted	05-Jul-06	07766155.1	04-Jul-2007	2041912	Quantum Cryptography Apparatus
P7394	GB	Granted	05-Jul-06	07766155.1	04-Jul-2007	2041912	Quantum Cryptography Apparatus
P7420	EP	Published	12-Sep-06	07804228.0	12-Sep-2007		Electro-Optic Waveguide Polarisation Modulator
P7420	CA	Granted	12-Sep-06	2667145	12-Sep-2007	2667145	Electro-Optic Waveguide Polarisation Modulator

QinetiQ Reference Number	Country	Status	Priority Date	Application Number	Filing Date	Patent Number	Title
P7420	JP	Granted	12-Sep-06	2009-527883	12-Sep-2007	5416585	Electro-Optic Waveguide Polarisation Modulator
P7420	TW	Granted	12-Sep-06	096133999	12-Sep-2007	1420188	Electro-Optic Waveguide Polarisation Modulator
P7420	US	Granted	12-Sep-06	12/310922	12-Sep-2007	8611534	Electro-Optic Waveguide Polarisation Modulator
P7555	DE	Granted	02-Feb-07	08701989.9	01-Feb-2008	602008055412.0	EPR Pair Generation
P7555	FR	Granted	02-Feb-07	08701989.9	01-Feb-2006	2108170	EPR Pair Generation
P7555	GB	Granted	02-Feb-07	08701989.9	01-Feb-2008	2108170	EPR Pair Generation
P7555	US	Granted	02-Feb-07	12/524911	01-Feb-2008	8254079	EPR Pair Generation
P7620	DE	Granted	25-Jan-08	09703427.6	23-Jan-2009	802009046705.0	Multi-community Network with Quantum Key Distribution
P7620	FR	Granted	25-Jan-08	09703427.6	23-Jan-2009	2245788	Multi-community Network with Quantum Key Distribution
P7620	GB	Granted	25-Jan-08	09703427.6	23-Jan-2009	2245788	Multi-community Network with Quantum Key Distribution
P7620	JP	Granted	25-Jan-08	2010-543568	23-Jan-2009	5431365	Multi-community Network with Quantum Key Distribution
P7620	US	Granted	25-Jan-08	12/812849	23-Jan-2009	8885828	Multi-community Network with Quantum Key Distribution
P7621	DE	Granted	25-Jan-08	09703693.3	23-Jan-2009	602009026113.4	Quantum Cryptography Apparatus
P7621	FR	Granted	25-Jan-08	09703693.3	23-Jan-2009	2245789	Quantum Cryptography Apparatus



QinetiQ Reference Number	Country	Status	Priority Date	Application Number	Filing Date	Patent Number	Title
P7621	GB	Granted	25-Jan-08	09703693.3	23-Jan-2009	2245789	Quantum Cryptography Apparatus
P7621	JP	Granted	25-Jan-08	2010-543567	23-Jan-2009	5631743	Quantum Cryptography Apparatus
P7621	US	Granted	25-Jan-08	12/863510	23-Jan-2009	8855316	Quantum Cryptography Apparatus
P7622	EP	Published	28-Jan-08	09706420.8	23-Jan-2009		Optical Transmitters and Receivers for Quantum Key Distribution
P7622	US	Granted	28-Jan-08	12/863509	23-Jan-2009	9148225	Optical Transmitters and Receivers for Quantum Key Distribution
P7623	DE	Granted	25-Jan-08	09703191.8	23-Jan-2009	602009027431.7	Network having Quantum Key Distribution
P7623	FR	Granted	25-Jan-08	09703191.8	23-Jan-2009	2248318	Network having Quantum Key Distribution
P7623	GB	Granted	25-Jan-08	09703191.8	23-Jan-2009	2248318	Network having Quantum Key Distribution
P7623	JP	Granted	25-Jan-08	2010-543565	23-Jan-2009	5492095	Network having Quantum Key Distribution
P7623	US	Granted	25-Jan-08	12/863483	23-Jan-2009	8650401	Network having Quantum Key Distribution
P7639	EP	Published	19-May-08	09750064.9	15-May-2009		Quantum Key Device
P7639	US	Granted	19-May-08	12/993146	15-May-2009	8654979	Quantum Key Device
P7640	US	Granted	19-May-08	12/993098	15-May-2009	8792791	Multiplexed Quantum Key Distribution
P7641	EP	Published	19-May-08	09750065.6	15-May-2009		Quantum Key Distribution Involving Moveable Key Device
P7641	US	Granted	19-May-08	12/992695	15-May-2009	8755525	Quantum Key Distribution Involving Moveable Key Device



QinetiQ Reference Number	Country	Status	Priority Date	Application Number	Filing Date	Patent Number	Title
P7660	EP	Published	27-Oct-08	09744716.3	23-Oct-2009		Quantum Key Distribution
P7660	US	Granted	27-Oct-08	13/125735	23-Oct-2009	8639932	Quantum Key Distribution
P7682	GB	Granted	08-Dec-08	1108890.3	25-Nov-2009	2477885	Non-Linear Optical Device
P7682	US	Granted	08-Dec-08	13/130944	25-Nov-2009	8749875	Non-Linear Optical Device
P7684	EP	Published	05-Dec-08	09775243.0	02-Dec-2009		Method of Performing Authentication between Network Nodes
P7684	US	Granted	05-Dec-08	13/130897	02-Dec-2009	8762728	Method of Performing Authentication between Network Nodes
P7685	EP	Published	05-Dec-08	09775242.2	02-Dec-2009		Method of establishing a quantum key for use between network nodes
P7685	US	Granted	05-Dec-08	13/130790	02-Dec-2009	8681982	Method of establishing a quantum key for use between network nodes
P7722	EP	Published	29-Sep-09	10766089.6	28-Sep-2010		Methods and Apparatus for Use in Quantum Key Distribution
P7722	JP	Granted	29-Sep-09	2012-531490	28-Sep-2010	6784612	Methods and Apparatus for Use in Quantum Key Distribution
P7722	US	Granted	29-Sep-09	13/496324	15-Mar-2012	8683192	Methods and Apparatus for Use in Quantum Key Distribution
P7780	US	Granted	02-Dec-10	13/990230	01-Dec-2011	9692596	Quantum Key Distribution
P7780	DE	Granted	02-Dec-10	11794839.8	01-Dec-2011	2647155	Quantum Key Distribution
P7780	FR	Granted	02-Dec-10	11794839.8	01-Dec-2011	2647155	Quantum Key Distribution



QinetiQ Reference Number	Country	Status	Priority Date	Application Number	Filing Date	Patent Number	Title
P7780	GB	Granted	02-Dec-10	11794839.8	01-Dec-2011	2647155	Quantum Key Distribution
P7780	JP	Granted	02-Dec-10	2013-541416	01-Dec-2011	5938618	Quantum Key Distribution

