# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

tylesneet version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
RODNEY PELZEL	11/28/2019
ANDREW CLARK	12/03/2019
RYTIS DARGIS	11/22/2019
MICHAEL LEBBY	12/03/2019
RICHARD HAMMOND	11/26/2019

#### **RECEIVING PARTY DATA**

Name:	IQE PLC
Street Address:	PASCAL CLOSE
City:	ST. MELLONS, CARDIFF
State/Country:	UNITED KINGDOM
Postal Code:	CF3 0LW

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16257707

# **CORRESPONDENCE DATA**

**Fax Number:** (646)219-6229

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:** 646-973-2500

Email: Pamela.Harrison@HGlaw.com

Correspondent Name: HALEY GUILIANO LLP
Address Line 1: 75 BROAD STREET

Address Line 2: SUITE 1000

Address Line 4: NEW YORK, NEW YORK 10004

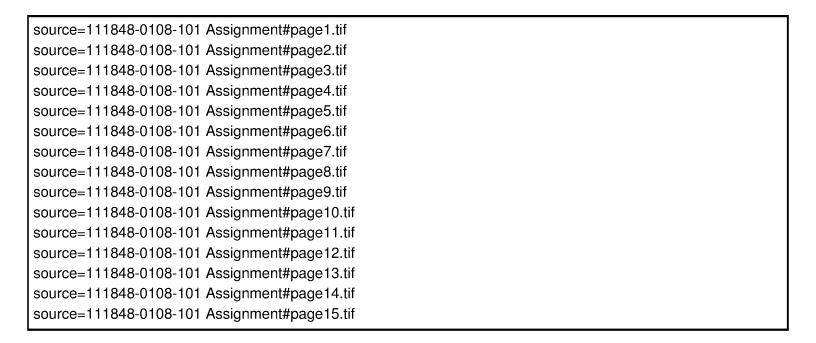
Talal Attachments of	
DATE SIGNED:	12/09/2019
SIGNATURE:	/Pamela Harrison/
NAME OF SUBMITTER:	PAMELA HARRISON
ATTORNEY DOCKET NUMBER:	111848-0108-101

Total Attachments: 15

PATENT REEL: 051223 FRAME: 0013

EPAS ID: PAT5858215

505811386



PATENT REEL: 051223 FRAME: 0014

WHEREAS, we, **Rodney Pelzel**, **Andrew Clark**, **Rytis Dargis**, **Michael Lebby and Richard Hammond**, have invented one or more inventions described in a United States patent nonprovisional application, entitled **Integrated Epitaxial Metal Electrodes**, which:

[ ] is being executed on even date herewith; and is about to be filed in the United States Patent Office;

[X] was filed on January 25, 2019 as Application No. 16/257,707

WHEREAS, **IQE plc**, (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **United Kingdom** having principal offices at **Pascal Close**, **St. Mellons**, **Cardiff**, **CF3 0LW**, **U.K.**, desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention(s) as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon, and any substitution, reissue, continuation, divisional, revival and foreign counterparts thereof and including the right to claim priority under any applicable statute, treaty or convention based on said application; said invention(s), application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, all choses in action pertaining to the applications or Letters Patent including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the applications or Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seal(s) the date set forth below.

Inventor _	Rodney Pelzel	Date: 28 November 2019
Address:	119 Technology Drive, Bethlehem, PA 18015.	
Inventor _	Andrew Clark	Date:
Address:	192 Preston Drive, Mountain View, CA 94040.	
Inventor _	Rytis Dargis	Date:
Address:	494 Gallimore Dairy Road, Greensboro, NC 274	409.
Inventor _	Michael Lebby	Date:
Address:	PO Box 6237, Apache Junction, AZ 85178.	
Inventor _	Richard Hammond	Date:
Address:	Cascades, Llandevaud, Gwent NP18 2AD, Unite	ed Kingdom.

I hereby acknowledge the foregoing executed Assignment on behalf of IQE plc.

Ву		Date
	Name:	
	Title:	

WHEREAS, we, **Rodney Pelzel**, **Andrew Clark**, **Rytis Dargis**, **Michael Lebby and Richard Hammond**, have invented one or more inventions described in a United States patent nonprovisional application, entitled **Integrated Epitaxial Metal Electrodes**, which:

[ ] is being executed on even date herewith; and is about to be filed in the United States Patent Office;

[X] was filed on January 25, 2019 as Application No. 16/257,707

WHEREAS, **IQE plc**, (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **United Kingdom** having principal offices at **Pascal Close**, **St. Mellons**, **Cardiff**, **CF3 0LW**, **U.K.**, desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention(s) as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon, and any substitution, reissue, continuation, divisional, revival and foreign counterparts thereof and including the right to claim priority under any applicable statute, treaty or convention based on said application; said invention(s), application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, all choses in action pertaining to the applications or Letters Patent including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the applications or Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seal(s) the date set forth below.

Inventor_		Date:
	Rodney Pelzel	
Address:	119 Technology Drive, Bethlehem, PA 18015.	
Inventor _	A Clark Andrew Clark	Date: 12/3/19
Address:	192 Preston Drive, Mountain View, CA 94040.	
Inventor _	Rytis Dargis	Date:
Address:	494 Gallimore Dairy Road, Greensboro, NC 274	409.
Inventor _	Michael Lebby	Date:
Address:	PO Box 6237, Apache Junction, AZ 85178.	
Inventor _	Richard Hammond	Date:
Address:	Cascades, Llandevaud, Gwent NP18 2AD, Unit	ed Kingdom.

I hereby acknowledge the foregoing executed Assignment on behalf of <b>IQE plc.</b>
---

Date

WHEREAS, we, Rodney Pelzel, Andrew Clark, Rytis Dargis, Michael Lebby and Richard Hammond, have invented one or more inventions described in a United States patent nonprovisional application, entitled Integrated Epitaxial Metal Electrodes, which:

[ ] is being executed on even date herewith; and is about to be filed in the United States Patent Office;

[X] was filed on January 25, 2019 as Application No. 16/257,707

WHEREAS, **IQE plc**, (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **United Kingdom** having principal offices at **Pascal Close**, **St. Mellons**, **Cardiff**, **CF3 0LW**, **U.K.**, desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention(s) as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon, and any substitution, reissue, continuation, divisional, revival and foreign counterparts thereof and including the right to claim priority under any applicable statute, treaty or convention based on said application; said invention(s), application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, all choses in action pertaining to the applications or Letters Patent including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the applications or Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seal(s) the date set forth below.

Inventor _		Date:
	Rodney Pelzel	
Address:	119 Technology Drive, Bethlehem, PA 18015.	
Inventor _	Andrew Clark	Date:
	192 Preston Drive, Mountain View, CA 94040.	
Inventor _	Rytis Dargis	Date: 11/22/2019
Address:	494 Gallimore Dairy Road, Greensboro, NC 274	109.
Inventor_	Michael Lebby	Date:
Address:	PO Box 6237, Apache Junction, AZ 85178.	
Inventor _	Richard Hammond	Date:
Address:	Cascades, Llandevaud, Gwent NP18 2AD, Unite	ed Kingdom.

I hereby acknowledge the foregoing executed Assignment on behalf of IQE plc.

Ву		Date
	Name:	-
	Title:	-

WHEREAS, we, **Rodney Pelzel**, **Andrew Clark**, **Rytis Dargis**, **Michael Lebby and Richard Hammond**, have invented one or more inventions described in a United States patent nonprovisional application, entitled **Integrated Epitaxial Metal Electrodes**, which:

[ ] is being executed on even date herewith; and is about to be filed in the United States Patent Office;

[X] was filed on January 25, 2019 as Application No. 16/257,707

WHEREAS, **IQE plc**, (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **United Kingdom** having principal offices at **Pascal Close**, **St. Mellons**, **Cardiff**, **CF3 0LW**, **U.K.**, desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention(s) as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon, and any substitution, reissue, continuation, divisional, revival and foreign counterparts thereof and including the right to claim priority under any applicable statute, treaty or convention based on said application; said invention(s), application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, all choses in action pertaining to the applications or Letters Patent including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the applications or Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seal(s) the date set forth below.

Inventor _	Rodney Pelzel	Date:
Address:	119 Technology Drive, Bethlehem, PA 18015.	
Inventor _	Andrew Clark	Date:
Address:	192 Preston Drive, Mountain View, CA 94040.	
Inventor _	Rytis Dargis	Date:
Address:	494 Gallimore Dairy Road, Greensboro, NC 274	409.
Inventor _	Tuesday Michael Tebby	, December 3, 2019 Date:
Address:	PO Box 6237, Apache Junction, AZ 85178.	
Inventor _	Richard Hammond	Date:

Address: Cascades, Llandevaud, Gwent NP18 2AD, United Kingdom.

I hereby acknowledge the foregoing executed Assignment on behalf of <b>IQE plc.</b>
---

Date

WHEREAS, we, Rodney Pelzel, Andrew Clark, Rytis Dargis, Michael Lebby and Richard Hammond, have invented one or more inventions described in a United States patent nonprovisional application, entitled Integrated Epitaxial Metal Electrodes, which:

[ ] is being executed on even date herewith; and is about to be filed in the United States Patent Office;

[X] was filed on January 25, 2019 as Application No. 16/257,707

ŧ.

WHEREAS, IQE plc, (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the United Kingdom having principal offices at Pascal Close, St. Mellons, Cardiff, CF3 0LW, U.K., desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention(s) as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon, and any substitution, reissue, continuation, divisional, revival and foreign counterparts thereof and including the right to claim priority under any applicable statute, treaty or convention based on said application; said invention(s), application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filling any such applications for Letters Patent, all choses in action pertaining to the applications or Letters Patent including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the applications or Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seal(s) the date set forth below.

Inventor_		Date:
•	Rodney Pelzel	
Address:	119 Technology Drive, Bethlehem, PA 18015.	
Inventor	Andrew Clark	Date:
	Andrew Clark	
Address:	192 Preston Drive, Mountain View, CA 94040.	
Inventor_		Date:
	Rytis Dargis	
Address;	494 Gallimore Dairy Road, Greensboro, NC 274	109.
Inventor	Michael Lebby	Date:
	Michael Lebby	
	PO Box 6237, Apache Junction, AZ 85178.	
	RHannond	Date: 26 74 Nov 2019
Inventor	of the money	Date: 10 NOV 101
	Richard Hammond	

Page 2

Address: Cascades, Llandevaud, Gwent NP18 2AD, United Kingdom.

# 

Name:

Title:

Page 3

752170\_1

**RECORDED: 12/09/2019** 

PATENT REEL: 051223 FRAME: 0029