505919033 02/14/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5965750

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDREW BALLARD	01/14/2020
TOMASZ DOMANSKI	01/14/2020
JON HARMAN	01/14/2020
ALAN ROBERTSON	01/15/2020
JONATHAN TUNBRIDGE	01/14/2020
DIANA DUARTE	01/14/2020
ADAM BRUNTON	01/15/2020

RECEIVING PARTY DATA

Name:	CERES INTELLECTUAL PROPERTY COMPANY LIMITED
Street Address:	VIKING HOUSE, FOUNDRY LANE
City:	HORSHAM, WEST SUSSEX
State/Country:	GREAT BRITAIN
Postal Code:	RH13 5PX

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16638458

CORRESPONDENCE DATA

Fax Number: (202)921-7409

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: 2029217401

Email: mshapiro@SGPatents.com, docketing@SGPatents.com,

ctexidor@SGPatents.com

Correspondent Name: MITCHELL W. SHAPIRO

Address Line 1: 1701 PENNSYLVANIA AVENUE, NW

Address Line 2: SUITE 200

Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	XA-13499 XC
NAME OF SUBMITTER:	MITCHELL W. SHAPIRO, REG. NO. 31,568
SIGNATURE:	/Mitchell W. Shapiro/

PATENT 505919033 REEL: 051935 FRAME: 0873

DATE SIGNED:	02/14/2020
Total Attachments: 36	
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ASSIGNMENT AGREEMENT

WHEREAS, We, Andrew BALLARD, Tomasz DOMANSKI, Jon HARMAN, Alan ROBERTSON, Jonathan TUNBRIDGE, Diana DUARTE, Adam BRUNTON (Assignor(s)) have made certain new and useful inventions, improvements and/or designs set forth in an application for Letters Patent, International Patent Application No. PCT/GB2018/052295 entitled "Metal Supported Solid Oxide Fuel Cell Unit and its Method of Manufacture" (Assigned Patent Application), which has been filed or will be filed;

WHEREAS, Ceres Intellectual Property Company Limited, an entity organized and existing under and by virtue of the laws of Great Britain, having a place of business at Viking House, Foundry Lane, Horsham, West Sussex, RH13 5PX, Great Britain (Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements, and/or designs and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefore;

NOW, THEREFORE, Assignor(s) and Assignee do hereby enter into the following Assignment Agreement.

1. Definitions

The **Assigned Patent Rights** means certain new and useful inventions, improvements, and designs made by the **Assignor(s)** for which the **Assigned Patent Application** has been or will be filed.

The Assigned Patent Rights also includes:

- the Assigned Patent Application;
- all Letters Patent granted based upon an application for Letters Patent forming part of the Assigned Patent Rights;
- any inventions, improvements, and designs disclosed by an application for Letters Patent forming part of the Assigned Patent Rights;
- any provisional patent application to which priority is claimed (for example, under 35 U.S.C. § 119(e)) by an application for Letters Patent forming part of the Assigned Patent Rights that has not previously been assigned by the Assignors;
- all divisional applications, continuation applications, continuation-in-part applications, and design patent applications claiming priority to an application for Letters Patent forming part of the Assigned Patent Rights, as well as any conversions, revival and prolongations of an application for Letters Patent forming part of the Assigned Patent Rights;

[Ceres Ref: PN069GBPCT]

- the authority to prosecute/initiate any reissue, reexamination, renewal or extension of the Assigned Patent Application or of any Letters Patent granted based upon an application for Letters Patent forming part of the Assigned Patent Rights;
- any substitute application filed based upon an application for Letters Patent forming part of the Assigned Patent Rights;
- any priority rights associated with an application for Letters Patent forming part of the Assigned Patent Rights, including priority under International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms and all applications in which a right of priority is claimed and any Letters Patent, Design Patent, Utility Model, or equivalent granted therefrom;
- any legal equivalents of priority rights associated with an application for Letters
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 intellectual property in its various forms and all applications in which a right of
 priority is claimed and any Letters Patent, Design Patent, Utility Model, or
 equivalent granted therefrom; and
- any right to sue for infringement of any right arising from the filing of an application for Letters Patent forming part of the Assigned Patent Rights.

2. Assignment of the Assigned Patent Rights

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **Assignor(s)** have and/or do hereby sell, assign, and transfer to **Assignee**, its successors and assigns, all right, title, and interest for the United States and its territorial possessions and in all foreign countries in and to the **Assigned Patent Rights**.

3. Cooperation Agreement

The Assignor(s) further agree without further or additional consideration, but at the expense of Assignee, to:

- promptly provide Assignee, upon request, with all pertinent facts and documents relating to the Assigned Patent Rights;
- cooperate with Assignee in the protection and prosecution of the Assigned Patent Rights;

-2-//K/)

- review, execute, verify, acknowledge and deliver to Assignee or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, or enforce the Assigned Patent Rights; and
- perform such other acts as Assignee lawfully may request to obtain or maintain the Assigned Patent Rights, or to vest title thereto in said Assignee.

4. Assignors Representations

The Assignor(s) hereby represent and warrant that they have not entered, and will not enter, into any assignment, license agreement, sale agreement, or encumbrance that conflicts with the assignment of the Assigned Patent Rights.

5. Authorization to issue patents in name of Assignee

The Assignor(s) and Assignee hereby confirm that the assignment to the Assignee of the Assigned Patent Rights includes authorization by the Assignor(s) for the United States Commissioner of Patents and Trademarks, and officials of any other country whose duty it is to issue patents on applications, to issue any Letters Patent arising from the Assigned Patent Rights to the Assignee, its successors, or assigns.

Assignor(s) grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This **Assignment** may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same **Assignment**.

IN TESTIMONY WHEREOF, I, Andrew BALLARD, hereunto set my hand this 4 day of ≤ 30 m and this 20 2€

Andrèw BALLARD

Witnessed:

	omasz DOMANSKI, hereunto set my hand this 0
	Tomasz DOMANSKI
	Witnessad
IN TESTIMONY WHEREOF 1, J 20	on HAFMAN, hereunto set my hand this day of
	Jog HARMAN
	Witnessed:
IN TESTIMONY WHEREOF, I, AI of 20	an ROBERTSON, hereunto set my hand this day
	Alan ROBERTSON
	Witnessed:

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IN TESTIMONY WHEREOF, I, Jonathan TUNSRIDGE, hereunto set my hand this
Jonathan TUNERIDGE
W (nessed)
IN TESTIMONY WHEREOF. I, Diana DUARTE, hereunto set my hand this day o
20
Diana DUARTE
Witnessed:
IN TESTIMONY WHEREOF, I, Adam BRUNTON, hereunto set my hand this day of
Adam BRUNTON
Witnessed:

-5-

Assignee hereby accepts this Assignment:

Name

Tit

, sur cal

(Authorised Signatory of Ceres Intellectual Property Company Limited)

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[Ceres Ref: PN069GBPCT]

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3. Cooperation Agreement

The Assignor(s) further agree without further or additional consideration, but at the expense of Assignee, to:

- promptly provide Assignee, upon request, with all pertinent facts and documents relating to the Assigned Patent Rights;
- cooperate with Assignee in the protection and prosecution of the Assigned Patent Rights;

-2-//k/)

REEL: 051935 FRAME: 0882

- review, execute, verify, acknowledge and deliver to Assignee or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, or enforce the Assigned Patent Rights; and
- perform such other acts as Assignee lawfully may request to obtain or maintain the Assigned Patent Rights, or to vest title thereto in said Assignee.

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IN TESTIMONY WHEREOF I Ar pt 20	ndrew BALLARD, hereunto set my hand this day
	Andrew BALLARD
	Witnessed:

11/5

-3-

	Tomasz DOMANSKI, hereunto set my hand this/
A.V	Tomasz DOMANSKI
	Witnessed: JHARZMAN
IN TESTIMONY WHEREOF, I.	Jon HARMAN, hereunto set my hand this day of
	Jon HARMAN
	Witnessed;
IN TESTIMONY WHEREOF, I / of 20_	Alan RÖBERTSON, hereunto set my hand this day
	Alan ROBERTSON
	Witnessed:

IN TESTIMONY WHEREOF, I day of	Jonathan TUNSRIDGE, hereunto set my hand this
	Jonathan TUNBRIDGE
	Vitnessed:
IN TESTIMONY WHEREOF, I	Diana DUARTE, hereunto set my hand this day of
	Diena DUARTE
	Witnessed
IN TESTIMONY WHEREOF I	. Adam BRUNTON, hereunto set my hand this day
	Adam BRUNTON
	Witnessed:

-5-

Assignee hereby accepts this Assignment:

Name

, r. r. r

(Authorised Signatory of Ceres Intellectual Property Company Limited)

-6-///

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[Ceres Ref: PN069GBPCT]

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- cooperate with Assignee in the protection and prosecution of the Assigned Patent Rights;

-2-//K)

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IN TESTIMONY WHEREOF I Ar of 20	ndrew BALLARD, hereunto set my hand this day
	Andrew BALLARD
	Witnessed:

-3-

	Tomasz DOMANSKI, hereunto set my hand this 20
	Tomasz DOMANSKI
	Witnessed:
IN TESTIMONY WHEREOF, I.	Jon HARMAN, hereunto set my hand this 14th day of
	Jon HARMAN
	Witnessed:
IN TESTIMONY WHEREOF, I. A of, 20	Nan ROBERTSON, hereunto set my hand this day
	Alan ROBERTSON
	Witnessed:

IN TESTIMONY WHEREOF, I day of	Jonathan TUNSRIDGE, hereunto set my hand this
	Jonathan TUNBRIDGE
	Vitnessed:
IN TESTIMONY WHEREOF, I	Diana DUARTE, hereunto set my hand this day of
	Diena DUARTE
	Witnessed
IN TESTIMONY WHEREOF I	. Adam BRUNTON, hereunto set my hand this day
	Adam BRUNTON
	Witnessed:

-5-

Assignee hereby accepts this Assignment:

Name

Title

Date *

(Authorised Signatory of Ceres Intellectual Property Company Limited)

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[Ceres Ref: PN069GBPCT]

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	Andrew BALLARD
	Witnessed:



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	omasz DOMANSKI, hereunto set my hand this
	Tomasz DOMANSKI
	Witnessed
ÎN TESTIMONY WHEREOF, I. J.	on HARMAN, hereunto set my hand this day of
	Jon HARMAN
	Witnessed:
IN TESTIMONY WHEREOF I Ala of	an ROBERTSON, hereunto set my hand this //day
	Alan ROBERTSON
	Witnessed
	-4- / / / / / / / / / / / / / / / / / /

IN TESTIMONY WHEREOF, I day of	Jonathan TUNSRIDGE, hereunto set my hand this
	Jonathan TUNBRIDGE
	Vitnessed:
IN TESTIMONY WHEREOF, I	Diana DUARTE, hereunto set my hand this day of
	Diena DUARTE
	Witnessed
IN TESTIMONY WHEREOF I	. Adam BRUNTON, hereunto set my hand this day
	Adam BRUNTON
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-5-

Assignee hereby accepts this Assignment:

Name

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- the authority to prosecute/initiate any reissue, reexamination, renewal or extension of the Assigned Patent Application or of any Letters Patent granted based upon an application for Letters Patent forming part of the Assigned Patent Rights;
- any substitute application filed based upon an application for Letters Patent forming part of the Assigned Patent Rights;
- any priority rights associated with an application for Letters Patent forming part of the Assigned Patent Rights, including priority under International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms and all applications in which a right of priority is claimed and any Letters Patent, Design Patent, Utility Model, or equivalent granted therefrom;
- any legal equivalents of priority rights associated with an application for Letters
 Patent forming part of the Assigned Patent Rights, including priority under
 International Agreements, Treaties and Conventions for the protection of
 intellectual property in its various forms and all applications in which a right of
 priority is claimed and any Letters Patent, Design Patent, Utility Model, or
 equivalent granted therefrom; and
- any right to sue for infringement of any right arising from the filing of an application for Letters Patent forming part of the Assigned Patent Rights.

2. Assignment of the Assigned Patent Rights

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **Assignor(s)** have and/or do hereby sell, assign, and transfer to **Assignee**, its successors and assigns, all right, title, and interest for the United States and its territorial possessions and in all foreign countries in and to the **Assigned Patent Rights**.

3. Cooperation Agreement

The Assignor(s) further agree without further or additional consideration, but at the expense of Assignee, to:

- promptly provide Assignee, upon request, with all pertinent facts and documents relating to the Assigned Patent Rights;
- cooperate with Assignee in the protection and prosecution of the Assigned Patent Rights;

-2-//K/)

- review, execute, verify, acknowledge and deliver to Assignee or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, or enforce the Assigned Patent Rights; and
- perform such other acts as Assignee lawfully may request to obtain or maintain the Assigned Patent Rights, or to vest title thereto in said Assignee.

4. Assignors Representations

The **Assignor(s)** hereby represent and warrant that they have not entered, and will not enter, into any assignment, license agreement, sale agreement, or encumbrance that conflicts with the assignment of the **Assigned Patent Rights**.

5. Authorization to issue patents in name of Assignee

The Assignor(s) and Assignee hereby confirm that the assignment to the Assignee of the Assigned Patent Rights includes authorization by the Assignor(s) for the United States Commissioner of Patents and Trademarks, and officials of any other country whose duty it is to issue patents on applications, to issue any Letters Patent arising from the Assigned Patent Rights to the Assignee, its successors, or assigns.

Assignor(s) grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

IN TESTIMONY WHEREOF I. Ar gt 20	ndrew BALLARD, hereunto set my hand this day
	Andrew BALLARD
	Witnessed:

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IN TESTIMONY WHEREOF, I, T day of 2	omasz DOMANSKI, hereunto sej my hand this 0
	Tomasz DOMANSKI
	Witheward
IN TESTIMONY WHEREOF, I, J	on HARMAN, hereunto set my hand this day of
	Jog HARMAN
	Witnesse/d
IN TESTIMONY WHEREOF, I, AI of 20	an ROBERTSON, hereunto set my hand this day _
	Alan ROBERTSON
	Witnessed:

.A.

Lian Wallace
N TESTIMONY WHEREOF Adam BRUNTON hereonic set my hand the day

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Assignee hereby accepts this Assignment:

Name

Tit

CAP CAP

(Authorised Signatory of Ceres Intellectual Property Company Limited)

ASSIGNMENT AGREEMENT

WHEREAS, We, Andrew BALLARD, Tomasz DOMANSKI, Jon HARMAN, Alan ROBERTSON, Jonathan TUNBRIDGE, Diana DUARTE, Adam BRUNTON (Assignor(s)) have made certain new and useful inventions, improvements and/or designs set forth in an application for Letters Patent, International Patent Application No. PCT/GB2018/052295 entitled "Metal Supported Solid Oxide Fuel Cell Unit and its Method of Manufacture" (Assigned Patent Application), which has been filed or will be filed;

WHEREAS, Ceres Intellectual Property Company Limited, an entity organized and existing under and by virtue of the laws of Great Britain, having a place of business at Viking House, Foundry Lane, Horsham, West Sussex, RH13 5PX, Great Britain (Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements, and/or designs and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefore;

NOW, THEREFORE, Assignor(s) and Assignee do hereby enter into the following Assignment Agreement.

1. Definitions

The **Assigned Patent Rights** means certain new and useful inventions, improvements, and designs made by the **Assignor(s)** for which the **Assigned Patent Application** has been or will be filed.

The Assigned Patent Rights also includes:

- the Assigned Patent Application;
- all Letters Patent granted based upon an application for Letters Patent forming part of the Assigned Patent Rights;
- any inventions, improvements, and designs disclosed by an application for Letters Patent forming part of the Assigned Patent Rights;
- any provisional patent application to which priority is claimed (for example, under 35 U.S.C. § 119(e)) by an application for Letters Patent forming part of the Assigned Patent Rights that has not previously been assigned by the Assignors;
- all divisional applications, continuation applications, continuation-in-part applications, and design patent applications claiming priority to an application for Letters Patent forming part of the Assigned Patent Rights, as well as any conversions, revival and prolongations of an application for Letters Patent forming part of the Assigned Patent Rights;

[Ceres Ref: PN069GBPCT]

- the authority to prosecute/initiate any reissue, reexamination, renewal or extension of the Assigned Patent Application or of any Letters Patent granted based upon an application for Letters Patent forming part of the Assigned Patent Rights;
- any substitute application filed based upon an application for Letters Patent forming part of the Assigned Patent Rights;
- any priority rights associated with an application for Letters Patent forming part of the Assigned Patent Rights, including priority under International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms and all applications in which a right of priority is claimed and any Letters Patent, Design Patent, Utility Model, or equivalent granted therefrom;
- any legal equivalents of priority rights associated with an application for Letters
 Patent forming part of the Assigned Patent Rights, including priority under
 International Agreements, Treaties and Conventions for the protection of
 intellectual property in its various forms and all applications in which a right of
 priority is claimed and any Letters Patent, Design Patent, Utility Model, or
 equivalent granted therefrom; and
- any right to sue for infringement of any right arising from the filing of an application for Letters Patent forming part of the Assigned Patent Rights.

2. Assignment of the Assigned Patent Rights

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3. Cooperation Agreement

The Assignor(s) further agree without further or additional consideration, but at the expense of Assignee, to:

- promptly provide Assignee, upon request, with all pertinent facts and documents relating to the Assigned Patent Rights;
- cooperate with Assignee in the protection and prosecution of the Assigned Patent Rights;

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- review, execute, verify, acknowledge and deliver to Assignee or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, or enforce the Assigned Patent Rights; and
- perform such other acts as Assignee lawfully may request to obtain or maintain the Assigned Patent Rights, or to vest title thereto in said Assignee.

4. Assignors Representations

The **Assignor(s)** hereby represent and warrant that they have not entered, and will not enter, into any assignment, license agreement, sale agreement, or encumbrance that conflicts with the assignment of the **Assigned Patent Rights**.

5. Authorization to issue patents in name of Assignee

The Assignor(s) and Assignee hereby confirm that the assignment to the Assignee of the Assigned Patent Rights includes authorization by the Assignor(s) for the United States Commissioner of Patents and Trademarks, and officials of any other country whose duty it is to issue patents on applications, to issue any Letters Patent arising from the Assigned Patent Rights to the Assignee, its successors, or assigns.

Assignor(s) grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

IN TESTIMONY WHEREOF, I. An of20	idrew BALLARD, hereunto set my hand thisday
	Andrew BALLARD
	Witnessed:

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IN TESTIMONY WHEREOF, I, T day of 2	omasz DOMANSKI, hereunto set my hand this 0
	Tomasz DOMANSKI
	Witnesset.
IN TESTIMONY WHEREOF, I, J 20	on HARMAN, hereunto set my hand this gay of
	Jon HARMAN
	V messed.
IN TESTIMONY WHEREOF 1. AI of 20	an ROBERTSON, hereunto set my hand thisday
	Alan ROBERTSON
	Witnessed:

4..

N TESTIMONY WHEREOF lay of	, I, Jonathan TUNBRIDGE, hereunto set my hand this , 20
	Jonathan TUNBRIDGE
	Witnessed:
	, I, Diana DUARTE, hereunto set my hand this <u>ાય</u> day of <u>2૦</u> .
	Diana DUARTE
	Witnessed: Grigovios lavayiotis Kia
TESTIMONY WHEREOF	F, I, Adam BRUNTON, hereunto set my hand this <u>人</u> day 20 <u></u>
	Adam BRUNTON
	Land Jay
	Witnessed: Oncord Cana

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Assignee hereby accepts this Assignment:

Name /

(Authorised Signatory of Ceres Intellectual Property Company Limited)

PATENT REEL: 051935 FRAME: 0910

RECORDED: 02/14/2020