

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7200183

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CASCADE TECHNOLOGIES HOLDINGS LIMITED	09/30/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EMERSON PROCESS MANAGEMENT LIMITED
<b>Street Address:</b>	MERIDIAN BUSINESS PARK
<b>Internal Address:</b>	MERIDIAN EAST
<b>City:</b>	LEICESTER
<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	LE19 1UX
<b>PROPERTY NUMBERS Total: 5</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	9939342
Patent Number:	10408701
Patent Number:	10724945
Patent Number:	10180393
Application Number:	15581153
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(303)863-0223
<i>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.</i>	
<b>Phone:</b>	3038639700
<b>Email:</b>	wwood@sheridanross.com
<b>Correspondent Name:</b>	SHERIDAN ROSS P.C.
<b>Address Line 1:</b>	1560 BROADWAY
<b>Address Line 2:</b>	SUITE 1200
<b>Address Line 4:</b>	DENVER, COLORADO 80202
<b>ATTORNEY DOCKET NUMBER:</b>	5150CT-1, 1-CON, 3, 4, 5
<b>NAME OF SUBMITTER:</b>	ERIC A. BOMKAMP
<b>SIGNATURE:</b>	/Eric A. Bomkamp/
<b>DATE SIGNED:</b>	03/01/2022

**Total Attachments: 12**

source=Emerson - Cascade Sale - EPML and CTHL IP Transfer Agreement - 30 September 2021 - Redacted  
Version#page1.tif  
source=Emerson - Cascade Sale - EPML and CTHL IP Transfer Agreement - 30 September 2021 - Redacted  
Version#page2.tif  
source=Emerson - Cascade Sale - EPML and CTHL IP Transfer Agreement - 30 September 2021 - Redacted  
Version#page3.tif  
source=Emerson - Cascade Sale - EPML and CTHL IP Transfer Agreement - 30 September 2021 - Redacted  
Version#page4.tif  
source=Emerson - Cascade Sale - EPML and CTHL IP Transfer Agreement - 30 September 2021 - Redacted  
Version#page5.tif  
source=Emerson - Cascade Sale - EPML and CTHL IP Transfer Agreement - 30 September 2021 - Redacted  
Version#page6.tif  
source=Emerson - Cascade Sale - EPML and CTHL IP Transfer Agreement - 30 September 2021 - Redacted  
Version#page7.tif  
source=Emerson - Cascade Sale - EPML and CTHL IP Transfer Agreement - 30 September 2021 - Redacted  
Version#page8.tif  
source=Emerson - Cascade Sale - EPML and CTHL IP Transfer Agreement - 30 September 2021 - Redacted  
Version#page9.tif  
source=Emerson - Cascade Sale - EPML and CTHL IP Transfer Agreement - 30 September 2021 - Redacted  
Version#page10.tif  
source=Emerson - Cascade Sale - EPML and CTHL IP Transfer Agreement - 30 September 2021 - Redacted  
Version#page11.tif  
source=Emerson - Cascade Sale - EPML and CTHL IP Transfer Agreement - 30 September 2021 - Redacted  
Version#page12.tif

**(1) CASCADE TECHNOLOGIES HOLDINGS LIMITED**

**and**

**(2) EMERSON PROCESS MANAGEMENT LIMITED**

---

**DEED OF ASSIGNMENT OF  
INTELLECTUAL PROPERTY  
RIGHTS**

---

Ref: AE961642XX

**PATENT**  
**REEL: 059132 FRAME: 0172**

**THIS DEED IS DATED: [ 30th September ] 2021**

**BETWEEN:**

- (1) **CASCADE TECHNOLOGIES HOLDINGS LIMITED**, a company registered in Scotland with registered number SC432207 and having its registered office at Glendevon House, The Castle Business Park, Stirling FK9 4TZ (the “**Assignor**”);
- (2) **EMERSON PROCESS MANAGEMENT LIMITED**, a company registered in England with registered number 00671801 and having its registered office at Meridian Business Park, Meridian East, Leicester, LE19 1UX ( the “**Assignee**”); and

**WHEREAS:**

- (A) The Assignor is the proprietor of the Intellectual Property Rights (as defined below)
- (B) The Assignor has agreed to assign the Intellectual Property Rights to the Assignee on the terms set out below.

**IT IS AGREED AS FOLLOWS:**

**1. Interpretation**

The following definitions apply in this agreement.

**1.1. Definitions**

**Intellectual Property Rights:** all intellectual property owned by the Assignor including without limitation patents (including the Patents), rights to inventions, copyright and related rights, trade marks (including the Trade Mark), business names and domain names, rights in get-up, goodwill and the right to sue for passing off, rights in designs, database rights, rights to use, and protect the confidentiality of, confidential information (including know-

how) and all other intellectual property rights, in each case whether registered or unregistered and including all applications and rights to apply for and be granted, renewals or extensions of, and rights to claim priority from, such rights and all similar or equivalent rights or forms of protection which subsist or will subsist now or in the future in any part of the world

**Patents:** the patents and the applications short particulars of which are set out in Schedule 1

**Trade Mark:** the registered trade mark short particulars of which are set out in Schedule 2

**VAT:** value added tax or any equivalent tax chargeable in the UK or elsewhere.

2. Assignment

In consideration of the sum of [REDACTED] [REDACTED] now paid to the Assignor by the Assignee (receipt of which is hereby acknowledged by the Assignor) the Assignor hereby assigns to the Assignee absolutely all its right, title and interest in and to the Intellectual Property Rights, including:

- (i) the absolute entitlement to any registrations granted pursuant to any of the applications comprised in the Patents;
- (ii) all goodwill attaching to the Trade Mark; and
- (iii) 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 any of the Intellectual Property Rights whether occurring before, on, or after the date of this agreement.

3. Further assurance

At the Assignee's expense the Assignor shall, and shall use all reasonable endeavours to procure that any necessary third party shall, promptly execute

and deliver such documents and perform such acts as may reasonably be required for the purpose of giving full effect to this agreement , including:

- (i) registration of the Assignee as applicant or (as applicable) proprietor of the Intellectual Property Rights; and
- (ii) assisting the Assignee in obtaining, defending and enforcing the Intellectual Property Rights, and assisting with any other proceedings which may be brought by or against the Assignee against or by any third party relating to the Intellectual Property Rights.

4. Counterparts.

This agreement may be executed in any number of counterparts and by the parties to it on separate counterparts and each such counterpart shall constitute an original of this agreement but all of which together constitute one and the same instrument. This agreement shall not be effective until each party has executed at least one counterpart.

5. VAT

All payments made by the Assignee under this agreement are exclusive of VAT. If any such payment constitutes the whole or any part of the consideration for a taxable or deemed taxable supply by the Assignor, the Assignee shall increase that payment by an amount equal to the VAT which is chargeable in respect of the taxable or deemed taxable supply, provided that the Assignor shall have delivered a valid VAT invoice in respect of such VAT to the Assignee.

6. **Governing law**

This agreement and any dispute or claim (including non-contractual disputes or claims) arising out of or in connection with it or its subject matter or formation shall be governed by and construed in accordance with the law of England and Wales.

**7. Jurisdiction**

Each party irrevocably agrees that the courts of England and Wales shall have exclusive jurisdiction to settle any dispute or claim (including non-contractual disputes or claims) arising out of or in connection with this agreement or its subject matter or formation.

This document has been executed as a deed and is delivered and takes effect on the date stated at the beginning of it.





Executed as a deed by **CASCADE TECHNOLOGIES HOLDINGS LIMITED** acting  
by [ \_\_\_\_\_ ], a director:

..... (signature)

In the presence of:

..... (signature)

..... (print name)

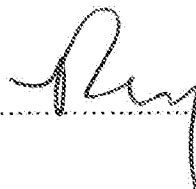
..... (title)

.....

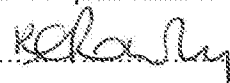
.....

..... (address)

Executed as a deed by **EMERSON PROCESS MANAGEMENT LIMITED** acting  
by **JEREMY ROWLEY**, a director:

 ..... (signature)

In the presence of:

 ..... (signature)

**K E ROWLEY** ..... (print name)

**STUDENT** ..... (title)

**MORVEN, MAIN ST**

**ACELEY**

**BUCKINGHAM** ..... (address)  
**MK18 5LR**

## SCHEDULE 1

This is Schedule 1 as referred to in the foregoing agreement:

### Patents

Case Ref.	Official No.	Title	Case Status	Country
PE952165AU	2007327386	Portal	Granted / Registered	Australia
PE952165CN	ZL200780050535.8	Portal	Granted / Registered	China
PE952165FRQ	2097734	Portal	Validation completed	France
PE952165GBQ	2097734	Portal	Validation completed	United Kingdom
PE952165US	8339606	Portal	Granted / Registered	United States of America
PE952168AU	2007330582	Leak Detection system and method	Granted / Registered	Australia
PE952168CA	2673952	Leak Detection	Granted / Registered	Canada
PE952168CN	ZL200780050640.1	Leak Detection	Granted / Registered	China
PE952168DEQ	2092289	Leak Detection	Validation completed	Germany
PE952168FRQ	2092289	Leak Detection	Validation completed	France
PE952168GBQ	2092289	Leak Detection	Validation completed	United Kingdom
PE952168IN	290103	Leak Detection	Granted / Registered	India
PE952168JP	5377321	Leak Detection	Granted / Registered	Japan
PE952168KR	10-1454007	Leak Detection	Granted / Registered	Republic of Korea
PE952168RU	2453819	Leak Detection	Granted / Registered	Russian Federation
PE952168US	8438908	Leak Detection	Granted / Registered	United States of America
PE956480CN	ZL201580000871.6	pMDI Leak Detection System	Granted / Registered	China
PE956480DEQ	3175210	pMDI Leak Detection System	Validation completed	Germany
PE956480FRQ	3175210	pMDI Leak Detection System	Validation completed	France
PE956480GBQ	3175210	pMDI Leak Detection System	Validation completed	United Kingdom

PE956480IEQ	3175210	pMDI Leak Detection System	Validation completed	Ireland
PE956480ITQ	3175210	pMDI Leak Detection System	Validation completed	Italy
PE956480US	9939342	pMDI Leak Detection System	Granted / Registered	United States of America
PE956480USA	10408701	pMDI Leak Detection System - Div 1	Granted / Registered	United States of America
PE957252AR	P160103146	pMDI Lab Analyser	Under examination	Argentina
PE957252BR	BR 10 2016 0238340	pMDI Lab Analyser	Under examination	Brazil
PE957252CHQ	3156778	pMDI Lab Analyser	Validation completed	Switzerland
PE957252CN	ZL201610079698.X	pMDI Lab Analyser	Granted / Registered	China
PE957252DEQ	3156778	pMDI Lab Analyser	Validation completed	Germany
PE957252EP	3156778	pMDI Lab Analyser	Granted / Registered	European Patent Office
PE957252FRQ	3156778	pMDI Lab Analyser	Validation completed	France
PE957252GBQ	3156778	pMDI Lab Analyser	Validation completed	United Kingdom
PE957252US	10830660	pMDI Lab Analyser	Granted / Registered	United States of America
PE957654CN	201610546747.6	Laser Detection System	Under examination	China
PE957654EP	17719683.9	Laser Detection System	Published	European Patent Office
PE957654IN	201817039304	Laser Detection System	Under examination	India
PE957654JP	6905992	Laser Detection System	Granted / Registered	Japan
PE957654RU	2737362	Laser Detection System	Granted / Registered	Russian Federation
PE957654US	10724945	Laser Detection System	Granted / Registered	United States of America
PE957681CN	201610550320.3	Sample Cell	Under examination	China
PE957681EP	17720210.8	Multipass Sample Cell	Under examination	European Patent Office
PE957681IN	201817039644	Multipass	Under	India

		Sample Cell	examination	
PE957681JP	2018-553408	Multipass Sample Cell	Under examination	Japan
PE957681RU	2737360	Multipass Sample Cell	Granted / Registered	Russian Federation
PE957681US	10180393	Multipass Sample Cell	Granted / Registered	United States of America
PE957816CN	201710294402.0	Close-Coupled Analyser for H2/N2 and Ethylene Purity Measurement	Awaiting examination	China
PE957816EP	18701547.4	Close-Coupled Analyser for H2/N2 and Ethylene Purity Measurement	Published	European Patent Office
PE957816JP	2019-539237	Close-Coupled Analyser for H2/N2 and Ethylene Purity Measurement	Awaiting examination	Japan
PE957816US	15/581153	Close-Coupled Analyser for H2/N2 and Ethylene Purity Measurement	Under examination	United States of America
PG432857AU	2003219320	Quantum Cascade Laser	Granted / Registered	Australia
PG432857CA	2482402	Quantum Cascade Laser	Granted / Registered	Canada
PG432857CHQ	1493017	Quantum Cascade Laser	Validation completed	Switzerland
PG432857CN	ZL03813259.1	Quantum Cascade Laser	Granted / Registered	China
PG432857DEQ	1493017	Quantum Cascade Laser	Validation completed	Germany
PG432857ESQ	1493017	Quantum Cascade Laser	Validation completed	Spain

PG432857FRQ	1493017	Quantum Cascade Laser	Validation completed	France
PG432857GBQ	1493017	Quantum Cascade Laser	Validation completed	United Kingdom
PG432857IEQ	1493017	Quantum Cascade Laser	Validation completed	Ireland
PG432857ITQ	1493017	Quantum Cascade Laser	Validation completed	Italy
PG432857JP	4437668	Quantum Cascade Laser	Granted / Registered	Japan
PG432857KR	959625	Quantum Cascade Laser	Granted / Registered	Republic of Korea
PG432857RU	2313078	Quantum Cascade Laser	Granted / Registered	Russian Federation
PG432857SEQ	1493017	Quantum Cascade Laser	Validation completed	Sweden
PG432857US	7283243	Quantum Cascade Laser	Granted / Registered	United States of America
PG448334CN	201810963404.9	Leak Detection for Food Containers	Awaiting examination	China
PG448334EP	19758468.3	Leak Detection for Food Containers	Published	European Patent Office
PG448334US	16/107734	Leak Detection for Food Containers	Under examination	United States of America
PG448334WO	PCT/GB2019/052293	Leak Detection for Food Containers	IPRP received	Patent Cooperation Treaty

**SCHEDULE 2**

This is Schedule 2 as referred to in the foregoing agreement:

**Trade Marks**

<b>Case Ref.</b>	<b>Registration No.</b>	<b>Title</b>	<b>Country</b>
TG424022GBA	UK00002438858	CASCADE TECHNOLOGIES & LOGO	United Kingdom