505816471 12/12/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5863301

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
YONGHUA ZHU	06/04/2019
CATHERINE THIBAUD	06/04/2019
MATHIEU LE CAM	06/04/2019
ERICA ZAVAGLIO	06/04/2019
GIOVANNI FRANZINI	06/04/2019

RECEIVING PARTY DATA

Name:	UNITED TECHNOLOGIES RESEARCH CENTRE IRELAND, LTD	
Street Address:	4TH FLOOR, PENROSE BUSINESS CENTER, PENROSE WHARF, CORK CITY,	
City:	CORK	
State/Country:	IRELAND	
Postal Code:	T23 XN53	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16710147

CORRESPONDENCE DATA

Fax Number: (860)286-0115

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: 860-286-2929

Email: usptopatentmail@cantorcolburn.com

Correspondent Name: CANTOR COLBURN LLP - HAMILTON SUNDSTRAND

Address Line 1: 20 CHURCH STREET, 22ND FLOOR Address Line 4: HARTFORD, CONNECTICUT 06103

ATTORNEY DOCKET NUMBER:	107293US01 (U311477US)	
NAME OF SUBMITTER:	M. BRAD LAWRENCE	
SIGNATURE:	/M. Brad Lawrence/	
DATE SIGNED:	12/12/2019	

Total Attachments: 5 source=8FO3014#page1.tif

PATENT 505816471 REEL: 051256 FRAME: 0124

source=8FO3014#page2.tif	
source=8FO3014#page3.tif	
source=8FO3014#page4.tif	
source=8FO3014#page5.tif	

PATENT REEL: 051256 FRAME: 0125

ASSIGNMENT

THIS ASSIGNMENT is made the 4th day of _______ 2019

BETWEEN

1. ZHU, Yonghua, a Chinese citizen of Apt. 2, 5 Sidney Place, Wellington Road, Cork City, Cork, T23 NV09, Ireland, THIBAUD, Catherine, a French and US citizen of 76 – 78 North Main Street, Cork City, Cork, Ireland, LE CAM, Mathieu, a French citizen of 49 The Spires, Carrignafoy, Cobh, P24 P634, Ireland, ZAVAGLO, Erica, River Gold, Lavitt's Quay, Cork City, Co. Cork, T12 EH94, an Italian citizen of Ireland AND FRANZINI, Giovanni, an Italian citizen of 10 Rockville Court, Leitrim Street, Cork City, Co. Cork, T23 YV78, Ireland ("the Inventors")

AND

2. UNITED TECHNOLOGIES RESEARCH CENTRE IRELAND, LTD, a company of 4th Floor Penrose Wharf Business Centre, Penrose Quay, Cork City, Cork, T23 XN53, Ireland, ("UTRC")

WHEREAS

- A. The Inventors are the sole inventors of certain invention(s) ("the Invention(s)") described and claimed in European patent application No. 19177719.2 entitled 'Aircraft environmental control system' and filed on 31 May 2019, in the name of UTRC, ("the Patent Application")
- B. The Inventors confirm that they made the Invention(s) in the course of their normal duties as employees of UTRC
- C. The Inventors have agreed to assign to UTRC all such rights as they may

have in the Invention(s) and the Patent Application and so that UTRC may enjoy the full benefit of the Invention(s)

NOW THEREFORE:-

- In consideration of the sum of one pound sterling now paid by UTRC to the Inventors, receipt of which is hereby acknowledged, the Inventors HEREBY ASSIGN to UTRC all right title and interest in and to the Invention(s) and the Patent Application in any country of the world including:
- (i) The right to file applications for, and be granted, patents, utility models, registered designs, design patents, registration of copyright or other intellectual property rights in any country of the world, in respect of the Invention(s), whether under national regional or international arrangements
- (ii) The right to claim priority under any national, regional or international law or treaty from the Patent Application or from any other Application for intellectual property rights in respect of the Invention(s)
- (iii) The right, title and interest in the Patent Application and any patent granted in consequence thereof including the right to sue for damages and other remedies in respect of any infringement of said patent

TO HOLD the same unto UTRC absolutely

2. UTRC shall have the right to file applications for and/or be granted patents, utility models, registered designs, design patents, and any other intellectual property rights in its own name or in the names of the Inventors or in such other name or names as UTRC may desire and the Inventors acknowledge that if any such applications are filed or rights granted in the name of the Inventors the same shall be held in trust by the Inventors for UTRC and shall at the request of UTRC be transferred from the Inventors to UTRC for no further consideration.

3. The Inventors hereby covenant with UTRC if and when required by UTRC to sign execute and do all such further documents acts or things as may be necessary or desirable to enable UTRC to procure and enjoy the full and exclusive benefit of the Invention(s) and of all rights therein including patents, design patents, registered designs, utility models or other intellectual property rights in any country of the world including if required the execution of further assignments by way of confirmation of this assignment and the execution of documents in connection with applications for patents, utility models, registered designs, design patents or any other intellectual property rights in the Inventors' own names in respect of the United States of America or any other country.

Signed:

ZHU, Yonghua

Date:

Signed:

THIBAUD, Catherine

Date:

4 June 2019

77719.2	107293EP01
11110.2	1012002101

1917 Signed: LE CAM, Mathieu Date:

Signed:

ZAVAGLO, Erica

Date:

4 June 2019

Signed:

FRANZINI, Giovanni

Date:

4 JUNE 2019

53.142937

UTRC

By: Daymus Form

Name: Raymond Foley

Position: Site Director

Date:

4 TWE 2019

5