

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5518986

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AIRBUS GROUP LIMITED	01/01/2019
RECEIVING PARTY DATA	
Name:	AIRBUS OPERATIONS LIMITED
Street Address:	PEGASUS HOUSE
Internal Address:	AEROSPACE AVENUE, FILTON
City:	BRISTOL
State/Country:	UNITED KINGDOM
Postal Code:	BS34 7PA
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15213636
CORRESPONDENCE DATA	
Fax Number:	(908)654-0415
<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>	
Phone:	(908) 518-6357
Email:	assignment@lerner david.com
Correspondent Name:	LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP
Address Line 1:	600 SOUTH AVENUE WEST
Address Line 4:	WESTFIELD, NEW JERSEY 07090
ATTORNEY DOCKET NUMBER:	AIRKST 3.0F-001
NAME OF SUBMITTER:	KATHLEEN REYNOLDS
SIGNATURE:	/Kathleen Reynolds/
DATE SIGNED:	05/13/2019
Total Attachments: 14	
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(1) AIRBUS GROUP LIMITED

AND

(2) AIRBUS OPERATIONS LIMITED

DEED OF ASSIGNMENT
OF INTELLECTUAL PROPERTY RIGHTS

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THIS AGREEMENT is made as a deed on

1st January 2019.

BETWEEN:

AIRBUS GROUP LIMITED (company number 02473840) whose registered office is at Wellington House, 125 Strand, London WC2R 0AP (the "Assignor"); and

AIRBUS OPERATIONS LIMITED (company number 03468788) whose registered office is at Pegasus House, Aerospace Avenue, Filton, Bristol, BS34 7PA (the "Assignee").

BACKGROUND

- (1) The Assignor has agreed to sell, and the Assignee has agreed to buy, the Business of the Assignor.
- (2) The Assignor and the Assignee entered into the Asset Purchase Agreement on (the "APA") in order to set out their rights and obligations in connection with the transfer of the Business to the Assignee.
- (3) Pursuant to the APA, the Assignor agrees to transfer to the Assignee the legal and beneficial title to the Business Intellectual Property Rights, including the Business Intellectual Property Rights listed in Schedule 1, with effect from the Effective Date.

THE PARTIES AGREE as follows:

1. INTERPRETATION

Words and expressions capitalised but not defined in this Agreement (including the Recitals) shall have the meanings given to them in the APA, and the interpretation provisions set out in clause 1 of the APA apply to this Agreement as if expressly set out herein.

Business Intellectual Property Rights: Intellectual Property Rights owned, used or held for use by the Seller in, or in connection with, the Business.

2. ASSIGNMENT

The Assignor hereby assigns to the Assignee with full title guarantee all its right, title and interest in the Business Intellectual Property Rights and any other intellectual property rights together with:

- 2.1 any registrations granted pursuant to any of the applications comprised in the Business Intellectual Property Rights;
- 2.2 any unregistered rights and interest contained in the Business Intellectual Property Rights;
- 2.3 any rights to file, prosecute and maintain any applications for registration and any registrations, and any rights to claim priority to or make any foreign filings based on any applications for registration or registrations, with respect to any patents, patent

applications and other intellectual property registrations and applications included in or arising from the Business Intellectual Property Rights; and

- 2.4 the right to bring, make, oppose, defend, appeal proceedings, claims or actions and obtain relief (and to retain any damages recovered, settlement payments received and any other proceeds therefrom) in respect of any infringement, or any other cause of action arising from ownership, of any of the Business Intellectual Property Rights whether occurring before, on or after the date of this Agreement.

3. NO WARRANTY

The Assignee acknowledges and agrees that the Assignor does not make any representation or warranty whatsoever in this Agreement in relation to the Business Intellectual Property Rights.

4. GOVERNING LAW

This Agreement and any non-contractual or other obligations arising out of or in connection with it are governed by English law.

5. JURISDICTION

The English courts have exclusive jurisdiction to settle any dispute arising out of or in connection with this Agreement (including a dispute relating to any non-contractual obligations arising out of or in connection with this Agreement) and the parties submit to the exclusive jurisdiction of the English courts.

6. COUNTERPARTS

This Agreement may be executed in any number of counterparts, each of which when executed and delivered is an original and all of which together evidence the same agreement. This Agreement shall not come into effect until each party has executed and delivered at least one counterpart.

**SCHEDULE I
BUSINESS INTELLECTUAL PROPERTY RIGHTS**

Title	Filing Date	Filing Number	Publication Date	Publication Number	Grant Date	Grant Number	Inventors (List)	Country	Current Status	Registered Owner(s)
METHODS, DEVICE AND APPARATUS FOR EVALUATING ELECTRICAL CURRENT THREAT EFFECTS AT JOINTS	14 Aug 2015	14/826682	18 Feb 2016	2016/0047734			MILLS, Richard E; FLOURENS, COLE, Matthew; HENKINS, Matthew; EVANS, Simon	US	Pending	AIRBUS OPERATIONS LTD; AIRBUS OPERATIONS (S.A.S.); AIRBUS GROUP LIMITED
AN AIRCRAFT WING WITH A MOVEABLE WING TIP DEVICE FOR LOAD ALLEVIATION	29 Sep 2016	1677761-4					WILSON, Thomas; Herring, Martin; PATTINSON, John; COOPER, Jonathan; CASTRICHINI, Andrea; AJAJ, Rafic; DHORU, Hirul	EP	Pending	AIRBUS OPERATIONS LTD; AIRBUS GROUP LIMITED
AN AIRCRAFT WING WITH A MOVEABLE WING TIP DEVICE FOR LOAD ALLEVIATION	29 Sep 2016	PCT/GB2016/053029	13 Jul 2017	2017/118832			WILSON, Thomas; Herring, Martin; PATTINSON, John; COOPER, Jonathan; CASTRICHINI, Andrea; AJAJ, Rafic; DHORU, Hirul	WO	Pending	AIRBUS OPERATIONS LTD; AIRBUS GROUP LIMITED
AN AIRCRAFT WING WITH A	29 Sep	TBA					WILSON, Thomas; Herring, Martin;	CN	Pending	AIRBUS OPERATIONS LTD;

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MOVEABLE WING 2016 TIP DEVICE FOR LOAD ALLEVIATION								PATTINSON, John; COOPER, Jonathan; CASTRICHINI, Andrea; AJAJ, Rafic; DHORU, Hitesh	AIRBUS LIMITED	AIRBUS GROUP
AN AIRCRAFT 29 Sep WING WITH A 2016 MOVEABLE WING TIP DEVICE FOR LOAD ALLEVIATION	16067221							US WILSON, Thomas; Herring, Martin; PATTINSON, John; COOPER, Jonathan; CASTRICHINI, Andrea; AJAJ, Rafic; DHORU, Hitesh	AIRBUS OPERATIONS LTD; AIRBUS GROUP LIMITED	AIRBUS GROUP
BUILD 26 Feb ORIENTATION FOR 2018 ADDITIVE MANUFACTURING	1803103-9							GB PARKES, Philip; Meyer, Jonathan	AIRBUS LIMITED	AIRBUS GROUP
POST-PROCESSING 14 Dec OF ADDITIVE 2017 LAYER MANUFACTURED PART	1720886-9							GB SCHNEIDER, Stephan Oleksander; BUCKLEY, Robert; NIXON, Andrew; HEWITT, Stephen	AIRBUS OPERATIONS LTD; AIRBUS GROUP LIMITED	AIRBUS GROUP
POST-PROCESSING 13 Dec OF ADDITIVE 2018 LAYER MANUFACTURED PART	18212244-0							EP SCHNEIDER, Stephan Oleksander; BUCKLEY, Robert; NIXON, Andrew; HEWITT, Stephen	AIRBUS OPERATIONS LTD; AIRBUS GROUP LIMITED	AIRBUS GROUP
METHOD OF 08 Mar MANUFACTURING 2012 A COMPOSITE MATERIAL AND COMPOSITE MATERIAL	12709159-3	15 Jan 2014	2583542	06 May 2015	6920120071 58.3			DE FARMER, Benjamin Lionel	AIRBUS LIMITED	AIRBUS GROUP

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METHOD OF MANUFACTURING A COMPOSITE MATERIAL AND COMPOSITE MATERIAL	08 Mar 2012	12709159.3	15 Jan 2014	2683542	06 May 2015	2683542	FARMER, Benjamin Lionel	ES	Granted	AIRBUS LIMITED	GROUP
METHOD OF MANUFACTURING A COMPOSITE MATERIAL AND COMPOSITE MATERIAL	08 Mar 2012	12709159.3	15 Jan 2014	2683542	06 May 2015	2683542	FARMER, Benjamin Lionel	FR	Granted	AIRBUS LIMITED	GROUP
METHOD OF MANUFACTURING A COMPOSITE MATERIAL AND COMPOSITE MATERIAL	08 Mar 2012	12709159.3	15 Jan 2014	2683542	06 May 2015	2683542	FARMER, Benjamin Lionel	GB	Granted	AIRBUS LIMITED	GROUP
COLLABORATIVE DECISION MAKING	09 Oct 2013	147049881	10 Apr 2014	20140101088			HALL, JONES, COULD, WILLIAMS, Simon, Patrick Geoff	US	Pending	AIRBUS LIMITED	GROUP
SUBSTRATE ADDITIVE MANUFACTURING	18 Mar 2013	13711944-2	28 Jan 2015	2828068			MEYER, Jonathan	EP	Pending	AIRBUS LIMITED	GROUP
SUBSTRATE ADDITIVE MANUFACTURING	18 Mar 2013	147386742	26 Feb 2015	20150054193			MEYER, Jonathan	US	Pending	AIRBUS LIMITED	GROUP
POLYMER ADDITIVE LAYER	09 May 2012	12722803-9	26 Mar 2014	2709827	01 Mar 2017	6030130292 05-9	MEYER, Jonathan	DE	Granted	AIRBUS LIMITED	GROUP

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EXTRUSION-BASED ADDITIVE MANUFACTURING SYSTEM	14 Jun 2013	13171988-2							MEYER, Jonathan; FARMER, Benjamin Lionel	EP	Pending	AIRBUS LIMITED	GROUP
EXTRUSION-BASED ADDITIVE MANUFACTURING SYSTEM	29 Aug 2017	15/689712	04 Jan 2018	2018/0001585					MEYER, Jonathan; FARMER, Benjamin Lionel	US	Pending	AIRBUS LIMITED	GROUP
EXTRUSION-BASED ADDITIVE MANUFACTURING SYSTEM	19 Jun 2013	13/922019	12 Dec 2013	2013/0337256					MEYER, Jonathan; FARMER, Benjamin Lionel	US	Pending	AIRBUS LIMITED	GROUP
LIFT-REDUCING APPARATUS FOR AIRCRAFT WINGS	26 Mar 2014	14715075.9	03 Feb 2016	2016/0001585					ROLSTON, Stephen	EP	Pending	AIRBUS LIMITED	GROUP
EXTRUSION-BASED ADDITIVE MANUFACTURING METHOD AND APPARATUS	13 Mar 2014	14159458-0	24 Sep 2014	2781342	18 May 2016	6020160019 08.0-0			FARMER, Benjamin Lionel; KESSLER, William; MEYER, Jonathan; HAWKINS, Andrew	DE	Granted	AIRBUS LIMITED	GROUP
EXTRUSION-BASED ADDITIVE MANUFACTURING METHOD AND APPARATUS	13 Mar 2014	14159458-0	24 Sep 2014	2781342	18 May 2016	2781342			FARMER, Benjamin Lionel; KESSLER, William; MEYER, Jonathan; HAWKINS, Andrew	FR	Granted	AIRBUS LIMITED	GROUP
EXTRUSION-BASED ADDITIVE MANUFACTURING METHOD AND APPARATUS	13 Mar 2014	14159458-0	24 Sep 2014	2781342	18 May 2016	2781342			FARMER, Benjamin Lionel; KESSLER, William; MEYER, Jonathan; HAWKINS, Andrew	GB	Granted	AIRBUS LIMITED	GROUP

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EXTRUSION-BASED ADDITIVE MANUFACTURING	22 Jan 2018	15/876967						FARMER, Benjamin Lionel; KESSLER, William; MEYER, Jonathan; HAWKINS, Andrew	US	Pending	AIRBUS LIMITED	GROUP
EXTRUSION-BASED ADDITIVE MANUFACTURING	18 Mar 2014	14/218922			06 Mar 2018	9968145		FARMER, Benjamin Lionel; KESSLER, William; MEYER, Jonathan; HAWKINS, Andrew	US	Granted	AIRBUS LIMITED	GROUP
EXTRUSION-BASED ADDITIVE MANUFACTURING SYSTEM AND METHOD	24 Jul 2014	14/44915.1		15 Jun 2016		3030398		FARMER, Benjamin Lionel	EP	Pending	AIRBUS LIMITED	GROUP
EXTRUSION-BASED ADDITIVE MANUFACTURING SYSTEM AND METHOD	24 Jul 2014	14/910646		23 Jun 2016		2016/0176109		FARMER, Benjamin Lionel	US	Pending	AIRBUS LIMITED	GROUP
METHOD OF ADDITIVE MANUFACTURING AND HEAT TREATMENT	16 Oct 2015	14/885177						MEYER, Jonathan; HENSTRIDGE, Andrew	US	Pending	AIRBUS LIMITED	GROUP
SECURITY SYSTEM	08 Oct 2015	15/89028.2		20 Apr 2016		3010202		IONES, Kevin	EP	Pending	AIRBUS LIMITED	GROUP
AIRCRAFT WING RIB	08 Dec 2015	15/98331-9		15 Jun 2016		3031713	11 Oct 2017	ALDERMAN, James; MEYER, Jonathan; ROLSTON, Stephen	DE	Granted	AIRBUS LIMITED	GROUP

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AIRCRAFT WING RIB	08 Dec 2015	15198331.9-1754	15 Jun 2016	3031713	11 Oct 2017	3031713	ALDERMAN, James; MEYER, Jonathan; ROLSTON, Stephen	FR	Granted	AIRBUS LIMITED	AIRBUS GROUP
AIRCRAFT WING RIB	08 Dec 2015	15198331-9	15 Jun 2016	3031713	11 Oct 2017	3031713	ALDERMAN, James; MEYER, Jonathan; ROLSTON, Stephen	GB	Granted	AIRBUS LIMITED	AIRBUS GROUP
AIRCRAFT WING RIB	09 Dec 2015	14/964032	09 Jun 2016	2016/0159464			ALDERMAN, James; MEYER, Jonathan; ROLSTON, Stephen	US	Pending	AIRBUS LIMITED	AIRBUS GROUP
PRESSURE VESSEL WITH SPHEROIDAL SHAPE	10 Feb 2016	16154971.2	17 Aug 2016	3056792			MEYER, Jonathan	EP	Transfer red to BU	AIRBUS LIMITED	AIRBUS GROUP
PRESSURE VESSEL	09 Feb 2016	15/019176	18 Aug 2016	2016/0238193			MEYER, Jonathan	US	Pending	AIRBUS LIMITED	AIRBUS GROUP
METHOD AND APPARATUS FOR DISTORTION CONTROL ON ADDITIVELY MANUFACTURED PARTS USING WIRE AND MAGNETIC PULSES	07 Jan 2015	15150312.5	22 Jun 2016	3034225			DALLE Claude; KARCH, Christian; MEYER, Jonathan	EP	Pending	Airbus Space AIRBUS LIMITED	Airbus Defence and GmbH; AIRBUS GROUP
METHOD AND APPARATUS FOR DISTORTION CONTROL ON ADDITIVELY MANUFACTURED	11 Dec 2015	14/966784	23 Jun 2016	2016/0175984			DALLE DONNE, Claude; KARCH, Christian; MEYER, Jonathan	US	Pending	Airbus Space AIRBUS LIMITED	Airbus Defence and GmbH; AIRBUS GROUP

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DETECTION OF 9 NOV 1818257-6 CONTAMINANT IN 2018 ADDITIVE MANUFACTURING									Kevin MUIR, Masrin	GB	Pending	AIRBUS LIMITED	GROUP
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