504551448 09/18/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4598157

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT SAMUEL WILSON	11/13/2014
TONY MILLAR	11/12/2014

RECEIVING PARTY DATA

Name:	SHORT BROTHERS PLC	
Street Address:	AIRPORT ROAD	
City:	BELFAST	
State/Country:	NORTHERN IRELAND	
Postal Code:	BT3 9DZ	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15523991

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: 8602862929

Email: usptopatentmail@cantorcolburn.com

Correspondent Name: CANTOR COLBURN LLP

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

ATTORNEY DOCKET NUMBER:	BOM0050US	
NAME OF SUBMITTER:	DANIEL F. DREXLER	
SIGNATURE:	/Daniel F. Drexler/	
DATE SIGNED:	09/18/2017	

Total Attachments: 3

source=7Tl3877#page1.tif source=7Tl3877#page2.tif source=7Tl3877#page3.tif

PATENT 504551448 REEL: 043611 FRAME: 0593



WORLDWIDE ASSIGNMENT

WHEREAS WE, (1) Robert Samuel WILSON whose complete address is 3 Earlswood Road, Belfast, BT4 3DY, Northern Ireland; and (2) Tony MILLAR whose complete address is 190 Locksley Park, Belfast, BT10 0AU, Northern Ireland; (hereinafter referred to as "the Assignors") have made an invention entitled:

METHODS AND PRECURSORS FOR MANUFACTURING A PERFORATED COMPOSITE PART

(hereinafter referred to as "the Invention") for which applications for Letters Patent have been or will be filed in the following countries:

Country

Filing Date

Serial No.

GB US November 3, 2014

1419529.1

PCT

EP

CN

(If necessary, Short Brothers PLC, its affiliates and its agents are hereby authorized to insert the filing dates and the serial numbers when known);

AND, WHEREAS **Short Brothers PLC**, a corporation under the laws of Northern Ireland, whose full postal address is Airport Road, Belfast, BT3 9DZ, Northern Ireland (hereinafter referred to as the Assignee) is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the aforementioned applications for Letters Patent on this invention and the Letters Patent to be issued upon these applications;

NOW THEREFORE, be it known that for and in consideration of One Pound Sterling (£1.00) and other good and valuable consideration, the receipt and sufficiency of which from the Assignee is hereby acknowledged, we, the Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to the Invention and these applications, and all divisions, and continuations thereof, and all Letters Patent that may be granted thereon, and all reissues thereof, and all rights to claim priority on these of such applications, and all applications for Letters Patent that may hereafter be filed for the Invention in any country and all Letters Patent that may be granted on the Invention in any country, and all extensions, renewals, and reissues thereof; and we hereby authorize and request the Commissioners of Patents (or other appropriate official whose duty it is to issue patents) of the United States, Canada, and any other country, to issue Letters Patent for the Invention to the Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will communicate with the Assignee, its successors and assigns, any facts known to us respecting the Invention, testify in any legal proceedings, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to the Invention in the Assignee, its successors or assigns, execute all divisional, continuation, reissue, and re-examination applications, make all rightful oaths and generally do everything possible to aid the Assignee, its successors and assigns, to obtain and enforce proper patent protection for the Invention in any country, it being understood that, irrespective of whether we are in the employ of the Assignee or its affiliates, any expense incident to the performance of the obligations of the present paragraph shall be borne by the Assignee, its successors, and assigns.

PATENT REEL: 043611 FRAME: 0594

OUR REF P-00173

PLACE OF SIGNATURE

In case of a disagreement between the parties, this Assignment shall be interpreted in accordance with the Laws of the Province of Quebec.

It is the express wish of the parties that this Assignment and all related documents be drafted in English. Il est de la volonté expresse des parties que cette cession et tous les documents s'y rattachant soient rédigés en anglais.

IN TESTIMONY WHEREOF, WE HAVE SIGNED:

(x) DSWW (1) Robert Samuel WILSON	(x) Alan Filmonia (x) WITNESS'SIGNATURE
13 th Wovember 2014, DATE (MM/DDYYYY)	ACAN TO LOSSION WITNESS PRINT NAME
BELFAST NIMOR / FOMBANDIE PLACE OF SIGNATURE	
(x)	(v)
(2) Tony MILLAR	(X) WITNESS SIGNATURE
DATE (MM/DD/YYYY)	WITNESS PRINT NAME
PLACE OF SIGNATURE	
X)	(<u>x)</u>
Timothy Collins Director, Intellectual Property Bombardier Inc.	Sylvie Bergeron WITNESS SIGNATURE
DATE (MM/DD/YYYY)	

OUR REF P-00173

In case of a disagreement between the parties, this Assignment shall be interpreted in accordance with the Laws of the Province of Quebec.

It is the express wish of the parties that this Assignment and all related documents be drafted in English. Il est de la volonté expresse des parties que cette cession et tous les documents s'y rattachant soient rédigés en anglais.

IN TESTIMONY WHEREOF, WE HAVE SIGNED:

(x)	(x)
(1) Robert Samuel WILSON	WITNESS SIGNATURE
DATE (MM/DD/YYYY)	WITNESS PRINT NAME
PLACE OF SIGNATURE	
(x) 1. Mu (2) Tony MILLAR	(X) N. Aulh WITNESS SIGNATURE
DATE (MM/DD/YYYY)	WITNESS PRINT NAME
PLACE OF SIGNATURE	
& Din Celle	« Syhri Beisein.
Timothy Collins Director, Intellectual Property Bombardier Inc.	Sylvie Bergeron WITNESS SIGNATURE
1/14/2014	
DON VAL Québec	
PLACE OF SIGNATURE	