

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT5293556

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DUANE EPP	12/08/2016
IGNATIUS TSUI	08/19/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BOMBARDIER INC.
<b>Street Address:</b>	400 COTE-VERTU ROAD WEST
<b>City:</b>	DORVAL
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	H4S 1Y9
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16311797
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(416)216-3930
<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>	4162161892
<b>Email:</b>	dockettor@nortonrosefulbright.com
<b>Correspondent Name:</b>	NORTON ROSE FULBRIGHT CANADA LLP
<b>Address Line 1:</b>	1, PLACE VILLE MARIE
<b>Address Line 2:</b>	SUITE 2500
<b>Address Line 4:</b>	MONTREAL, CANADA H3B 1R1
<b>ATTORNEY DOCKET NUMBER:</b>	05200495-200US
<b>NAME OF SUBMITTER:</b>	ANDRE THERIAULT
<b>SIGNATURE:</b>	/Andre Theriault, Reg. #62263/
<b>DATE SIGNED:</b>	12/20/2018
<b>Total Attachments: 3</b>	
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**WORLDWIDE ASSIGNMENT**

WHEREAS WE, (1) **Duane EPP** whose complete address is 87 Moynahan, Cres. Ajax, Ontario, Canada, L1Z 1M4; and (2) **Ignatius TSUI** whose complete address is 124 Country Glen Road, Markham, Ontario, Canada, L6B 1B5 (hereinafter referred to as "the Assignors") have made an invention entitled:

**ASSEMBLY AND METHOD FOR CONDITIONING ENGINE-HEATED AIR ONBOARD AN AIRCRAFT**

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

<u>Country</u>	<u>Filing Date</u>	<u>Serial No.</u>
US	June 30, 2016	62/357,256
PCT		
EP		
CN		

(If necessary, Bombardier Inc., its affiliates and its agents are hereby authorized to insert the filing dates and the serial numbers when known);

AND, WHEREAS **Bombardier Inc.**, a corporation under the laws of Canada, whose full postal address is 400 Côte-Vertu Road West, Dorval, Quebec, H4S 1Y9, Canada, (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 Canadian Dollar (CA \$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;

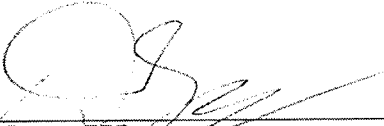
AND, WE HEREBY further covenant and agree that we will communicate with the Assignee, its successors and assigns, any facts known to us respecting the Invention, testify in any legal proceedings, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary 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.


OUR REF P-00238

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)   
\_\_\_\_\_  
(1) Duane EPP  
12/8/2016  
DATE (MM/DD/YYYY)  
Toronto  
LOCATION

(x)   
\_\_\_\_\_  
WITNESS SIGNATURE  
12/8/2016 IGNATIUS TSUI  
WITNESS PRINT NAME  
Z

(x) \_\_\_\_\_  
(2) Ignatius TSUI  
DATE (MM/DD/YYYY)  
LOCATION

(x) \_\_\_\_\_  
WITNESS SIGNATURE  
WITNESS PRINT NAME

(x) \_\_\_\_\_  
Timothy Collins  
Director, Intellectual Property  
Bombardier Inc.  
DATE (MM/DD/YYYY)  
LOCATION

(x) \_\_\_\_\_  
Sylvie Bergeron  
WITNESS SIGNATURE

OUR REF P-00238

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(x)  
\_\_\_\_\_  
(1) Duane EPP

(x)  
\_\_\_\_\_  
WITNESS SIGNATURE

\_\_\_\_\_  
DATE (MM/DD/YYYY)

\_\_\_\_\_  
WITNESS PRINT NAME

\_\_\_\_\_  
LOCATION


(x)  
  
\_\_\_\_\_  
(2) Ignatius TSUI


(x)  
  
\_\_\_\_\_  
WITNESS SIGNATURE

08/19/2016  
\_\_\_\_\_  
DATE (MM/DD/YYYY)

SILVIA POPESCU  
\_\_\_\_\_  
WITNESS PRINT NAME

Toronto  
\_\_\_\_\_  
LOCATION

(x)  
  
\_\_\_\_\_  
Timothy Collins  
Director, Intellectual Property  
Bombardier Inc.

(x)  
  
\_\_\_\_\_  
Sylvie Bergeron  
WITNESS SIGNATURE

Dec. 19 2016  
\_\_\_\_\_  
DATE (MM/DD/YYYY)

Dorval, Québec  
\_\_\_\_\_  
LOCATION