10/21/2019 505731476

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MANUEL ETCHESSAHAR	05/08/2017
ERIC HANSEN	05/04/2017
MOHAMMAD TABESH	05/05/2017
VINCENT POINTEL	05/08/2017
STEPHEN COLAVINCENZO	05/05/2017
ALEXIS CARON-L'ECUYER	05/08/2017

RECEIVING PARTY DATA

Name:	BOMBARDIER INC.
Street Address:	400 COTE-VERTU ROAD WEST
City:	DORVAL
State/Country:	CANADA
Postal Code:	H4S 1Y9

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16606543

CORRESPONDENCE DATA

Fax Number: (416)216-3930

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: 4162161892

Email: dockettor@nortonrosefulbright.com

NORTON ROSE FULBRIGHT CANADA LLP **Correspondent Name:**

Address Line 1: 1 PLACE VILLE MARIE, SUITE 2500 Address Line 4: MONTREAL, CANADA H3B 1R1

ATTORNEY DOCKET NUMBER:	05200495-239US
NAME OF SUBMITTER:	ANDRE THERIAULT
SIGNATURE:	/Andre Theriault/
DATE SIGNED:	10/21/2019

Total Attachments: 6

PATENT REEL: 050769 FRAME: 0812

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PATENT REEL: 050769 FRAME: 0813

WORLDWIDE ASSIGNMENT

WHEREAS WE, (1) Manuel ETCHESSAHAR whose complete address is 4350 Old Orchard, Montreal, Quebec, Canada, H4A 3B4; (2) Eric HANSEN whose complete address is 62 Valonia Drive, Brampton, Ontario, Canada, L6V 4K1, (3) Mohammad TABESH whose complete address is 585 Avenue Road, Unit 504, Toronto, Ontario, Canada, M4V 2K5; (4) Vincent POINTEL whose complete address is 7294 Henri Julien, Montreal, Quebec, Canada, H2R 2A8; (5) Stephen COLAVINCENZO whose complete address is 20 Clansman Blvd., Toronto, Ontario, Canada, M2H 1X4; and (6) Alexis CARON-L'ECUYER whose complete address is 70, 44e avenue, Lachine, Quebec, Canada, H8T 2K2 (hereinafter referred to as "the Assignors") have made an invention entitled:

INSERT FOR SUCTION DUCT

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

Country US Filing Date April 21, 2017 Serial No. 62/488,386

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 soll, 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 mereof, 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: 050769 FRAME: 0814 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 S	SIGNED:
(x) CONCETTO ON THE CONTROL ON THE C	(X) WITNESS SIGNATURE VINCENT POINTEL WITNESS PRINT NAME
MONTREAL LOCATION	WITNESS PRINT NAIVIE
(x) (2) Eric HANSEN	(x) WITNESS SIGNATURE
DATE (MM/DD/YYYY)	WITNESS PRINT NAME
LOCATION	
(x) (3) Mohammad TABESH	(x) WITNESS SIGNATURE
DATE (MM/DD/YYYY)	WITNESS PRINT NAME
LOCATION	
(x) (4) Vincent POINTEL	(x) WITNESS SIGNATURE
05/08/2017 DATE (MM/DD/YYYY)	WITNESS PRINT NAME
Montréal LOCATION	

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IN TESTIMONY WHEREOF, WE HAVE SIGNED:

(x)	(x)
(1) Manuel ETCHESSAHAR	WITNESS SIGNATURE
DATE (MM/DD/YYYY)	WITNESS PRINT NAME
LOCATION	
(2) Eric HANSEN 05/04/2017 DATE (MM/DD/YYYY)	WITNESS SIGNATURE DAVID BOYUE WITNESS PRINT NAME
TORONTO, ONTARIO, CA	
(x) (3) Mohammad TABESH	(x) WITNESS SIGNATURE
DATE (MM/DD/YYYY)	WITNESS PRINT NAME
LOCATION	
(x) (4) Vincent POINTEL	(x) WITNESS SIGNATURE
DATE (MM/DD/YYYY)	WITNESS PRINT NAME
LOCATION	

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IN TESTIMONY WHEREOF, WE HAVE SIGNED:

(x) (1) Manuel ETCHESSAHAR	(<u>x)</u> WITNESS SIGNATURE
DATE (MM/DD/YYYY)	WITNESS PRINT NAME
LOCATION	
(x) (2) Eric HANSEN	(x) WITNESS SIGNATURE
DATE (MM/DD/YYYY)	WITNESS PRINT NAME
LOCATION	
(x) Mohammad TABESH May 5 th , 2017 DATE (MM/DD/YYYY) Torento, Canada LOCATION	WITNESS SIGNATURE SAULD BOYNE WITNESS PRINT NAME
(x) (4) Vincent POINTEL	(x) WITNESS SIGNATURE
DATE (MM/DD/YYYY)	WITNESS PRINT NAME
LOCATION	

OUR REF P-00283

(x) Shall (S) (5) Stephen COLAVINCENZO	(x) WITNESS SIGNATURE
May 5/2017 DATE (MM/DD/YYYY) Toronto, Canada	DAUID BOYUET WITNESS PRINT NAME
LOCATION	
(x) (6) Alexis CARON-L'ECUYER	(x) WITNESS SIGNATURE
DATE (MM/DD/YYYY)	WITNESS PRINT NAME
LOCATION	
(x) Timothy Collins Director, Intellectual Property Bombardier Inc.	(x) Sylvie Bergeron WITNESS SIGNATURE
DATE (MM/DD/YYYY)	
LOCATION	

(x)	(x)
(5) Stephen COLAVINCENZO	WITNESS SIGNATURE
DATE (MM/DD/YYYY)	WITNESS PRINT NAME
LOCATION	
(x) AMM	(x)
(6) Alexis CARON-L'ECUYER	WITNESS SIGNATURE
B May 2017 DATE (MM/DD/YYYY)	VINCEUT POINTEL WITNESS PRINT NAME
Montreal	
Timothy Collins Director, Intellectual Property Bombardier, Inc. DATE (MM/DOYYYY) LOCATION LOCATION	(x) A The Ut LLOU Sylvie Bergeron WITNESS SIGNATURE