505673715 09/16/2019

PATENT ASSIGNMENT COVER SHEET

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THINESHAN KATHIRCHELVAN	10/09/2018
STEPHEN COLAVINCENZO	10/09/2018
ALEXIS CARON-L'ECUYER	10/09/2018

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16571780

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

Correspondent Name: NORTON ROSE FULBRIGHT CANADA LLP

Address Line 1: 1, PLACE VILLE MARIE

Address Line 2: SUITE 2500

Address Line 4: MONTREAL, CANADA H3B 1R1

ATTORNEY DOCKET NUMBER: 05200495-327US

NAME OF SUBMITTER: ANDRE THERIAULT

SIGNATURE: /Andre Theriault/

DATE SIGNED: 09/16/2019

Total Attachments: 2

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PATENT 505673715 REEL: 050387 FRAME: 0637

WORLDWIDE ASSIGNMENT

WHEREAS WE, (1) Thineshan KATHIRCHELVAN whose complete address is 168 Smoothwater Terrace, Markham, Ontario, Canada, L6B 0N1; (2) Stephen COLAVINCENZO whose complete address is 20 Clansman Blvd, Toronto, Ontario, Canada, M2H 1X4; and (3) 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:

SYSTEM AND METHOD FOR SYNCHROPHASIING AIRCRAFT ENGINES

(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

September 18, 2018

Serial No. 62/732,658

US PCT

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(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.

PATENT REEL: 050387 FRAME: 0638 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.	W.L	
(1)	Thineshan	KATHIRCHELVAN
3	· 3	

DATE (MWDD/YYYY)

LOCATION / LONGRAY

(2) Stephen COLAVINCENZO

DATE (MM/DD/YYYY)

Toronto, Canada

(3) Alexis CARON-L'ECUYER

DATE (MM/DD/YYYY)

Mantréal, Canada.

WITNESS SIGNATURE

SUILLAUNE
WITNESS PRINT NAME

WITNESS SIGNATURE

GUILAUNE [WITNESS PRINT NAME

MACAVA

WITNESS SIGNATURE

Koloby Logipous witness print name

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