

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6047039

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ADIR RODRIGUES DE OLIVEIRA	03/18/2020
PEDRO CANDIA DE MIRANDA	03/24/2020
LUIS AUGUSTO BASTOS TELLES NUNES	03/10/2020
GILBERTO SILVA COSTA DOS SANTOS	03/13/2020
DÉBORA SARAIVA RAMOS	03/18/2020
JULIANO BATISTA ALMENDANHA	03/13/2020
MARCOS ROBERTO CRUZ	04/03/2020
MAURILIO AUGUSTO PINTO	04/03/2020
RECEIVING PARTY DATA	
Name:	EMBRAER S.A.
Street Address:	AV. BRIGADEIRO FARIA LIMA, 2170
City:	SAO JOSE DOS CAMPOS - SP
State/Country:	BRAZIL
Postal Code:	12227-901
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16484923
CORRESPONDENCE DATA	
Fax Number:	(703)816-4100
<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:	7038164000
Email:	PTOmail@nixonvan.com
Correspondent Name:	BRYAN H. DAVIDSON
Address Line 1:	NIXON & VANDERHYE P.C.
Address Line 2:	901 NORTH GLEBE ROAD, 11TH FLOOR
Address Line 4:	ARLINGTON, VIRGINIA 22203
ATTORNEY DOCKET NUMBER:	BHD-4439-0334
NAME OF SUBMITTER:	BRYAN H. DAVIDSON
SIGNATURE:	/Bryan H. Davidson/

PATENT

DATE SIGNED:	04/03/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 8 source=04-03-2020_Combined_Dec_and_Assign#page1.tif source=04-03-2020_Combined_Dec_and_Assign#page2.tif source=04-03-2020_Combined_Dec_and_Assign#page3.tif source=04-03-2020_Combined_Dec_and_Assign#page4.tif source=04-03-2020_Combined_Dec_and_Assign#page5.tif source=04-03-2020_Combined_Dec_and_Assign#page6.tif source=04-03-2020_Combined_Dec_and_Assign#page7.tif source=04-03-2020_Combined_Dec_and_Assign_CRUZ#page1.tif	

Attorney Docket Number	BHD-4439-0334
First Named Inventor	RODRIGUES DE OLIVEIRA, Adir

**INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)
USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

- ☐ Declaration Submitted With Initial Filing
OR
☒ Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required)

DEVICE AND METHOD FOR REGULATING AIRCRAFT CONTROL SURFACES

(Title of the invention)

As a below named inventor, I hereby declare that:

This declaration is directed to:

- ☐ the attached application, or
☒ United States Application Number 16/484,923 filed August 9, 2019, or
☐ PCT international application number filed on . Authentic

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Application identified above.

WHEREAS, EMBRAER S.A. (hereinafter ASSIGNEE), an entity, having an office and place of business at Av. Brigadeiro Faria Lima 2170 - São José dos campos - São Paulo - SP CEP 12227-901 BRAZIL, is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;

ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and

ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

AGREED and executed as noted below:

LEGAL NAME OF INVENTOR/JOINT INVENTOR:

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

Adir

RODRIGUES DE OLIVEIRA

Inventor's Signature:

Date:

Adir Rodrigues de Oliveira

March 18, 2020

Witnessed by:

Name:

Signature of witness:

Date:

Doc code: Oath
Document Description: Oath or declaration filed

Attorney Docket Number	BHD-4439-0334
First Named Inventor	RODRIGUES DE OLIVEIRA, Adir

**INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)
USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

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OR
☒ Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required)

DEVICE AND METHOD FOR REGULATING AIRCRAFT CONTROL SURFACES

(Title of the Invention)

As a below named inventor, I hereby declare that:

This declaration is directed to:

- ☐ the attached application, or
☒ United States Application Number 16/484,923 filed August 9, 2019, or
☐ PCT International application number filed on

The above-identified application was made or authorized to be made by me.

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NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;

ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and

ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

AGREED and executed as noted below:

Legal Name of Additional Joint Inventor, if any:

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

Pedro

CANDIA DE MIRANDA

Inventor's Signature:

Date:

March 24, 2020

Witnessed by:

Name:

Signature of witness:

Date:

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

PATENT
REEL: 052314 FRAME: 0114

Doc code: Oath
Document Description: Oath or declaration filed

Attorney Docket Number	BHD-4439-0334
First Named Inventor	RODRIGUES DE OLIVEIRA, Adir

**INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)
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OR
☒ Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required)

DEVICE AND METHOD FOR REGULATING AIRCRAFT CONTROL SURFACES

(Title of the invention)

As a below named inventor, I hereby declare that:

This declaration is directed to:

- ☐ the attached application, or
☒ United States Application Number 16/484,923 filed August 9, 2019, or
☐ PCT International application number filed on

The above identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any wilful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Application identified above.

WHEREAS, EMBRAER S.A. (hereinafter ASSIGNEE), an entity, having an office and place of business at Av. Brigadeiro Faria Lima 2170 - São José dos campos - São Paulo - SP CEP 12227-901 BRAZIL, is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

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ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and

ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

AGREED and executed as noted below:

Legal Name of Additional Joint Inventor, if any:

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

Luis Augusto BASTOS TELLES NUNES

Inventor's Signature:

Date:

March, 10th 2020

Witnessed by:

Name:

Signature of witness:

Date:

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

PATENT
REEL: 052314 FRAME: 0115

Attorney Docket Number	BHD-4439-0334
First Named Inventor	RODRIGUES DE OLIVEIRA, Adir

**INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)
USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

- ☐ Declaration Submitted With Initial Filing
OR
☒ Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required)

DEVICE AND METHOD FOR REGULATING AIRCRAFT CONTROL SURFACES

(Title of the Invention)

As a below named inventor, I hereby declare that:

This declaration is directed to:

- ☐ the attached application, or
☒ United States Application Number 16/484,923 filed August 9, 2019, or
☐ PCT International application number filed on _____

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Application identified above.

WHEREAS, EMBRAER S.A. (hereinafter ASSIGNEE), an entity, having an office and place of business at Av. Brigadeiro Faria Lima 2170 -- São José dos campos - São Paulo - SP CEP 12227-901 BRAZIL, is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

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AGREED and executed as noted below:

Legal Name of Additional Joint Inventor, if any:

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

Gilberto

Silva

COSTA DOS SANTOS

Inventor's Signature:

Date:

March 13, 2020

Witnessed by:

Name:

Signature of witness:

Date:

Attorney Docket Number	BHD-4439-0334
First Named Inventor	RODRIGUES DE OLIVEIRA, Adir

INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.53) USING AN APPLICATION DATA SHEET (37 CFR 1.76)

☐ Declaration Submitted With Initial Filing

OR

☒ Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required)

DEVICE AND METHOD FOR REGULATING AIRCRAFT CONTROL SURFACES

(Title of the Invention)

As a below named inventor, I hereby declare that:

This declaration is directed to:

☐ the attached application, or

☒ United States Application Number 16/484,923 filed August 9, 2019, or

☐ PCT International application number filed on

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ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

AGREED and executed as noted below:

Legal Name of Additional Joint Inventor, if any:

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

Débora

Saraiva

RAMOS

Inventor's Signature

Debora Saraiva Ramos

Date:

March 18, 2020

Witnessed by
Name

Signature of witness

Date:

Attorney Docket Number	BHD-4439-0334
First Named Inventor	RODRIGUES DE OLIVEIRA, Adir

**INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)
USING AN APPLICATION DATA SHEET (37 CFR 1.76)**☐ Declaration Submitted With Initial Filing

OR

☒ Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required)**DEVICE AND METHOD FOR REGULATING AIRCRAFT CONTROL SURFACES**

(Title of the invention)

As a below named inventor, I hereby declare that:

This declaration is directed to:

☐ the attached application, or☒ United States Application Number 16/484,923 filed August 9, 2019, or☐ PCT International application number filed on

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

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WHEREAS, EMBRAER S.A. (hereinafter ASSIGNEE), an entity, having an office and place of business at Av. Brigadeiro Faria Lima 2170 - São José dos campos - São Paulo - SP CEP 12227-901 BRAZIL, is desirous of acquiring an interest therein;

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AGREED and executed as noted below:

Legal Name of Additional Joint Inventor, if any:

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

Juliano Batista ALMENDANHA

Inventor's Signature:

Date:

March 13, 2020

Witnessed by:

Name:

Signature of witness:

Date:

Attorney Docket Number	BHO-4439-0334
First Named Inventor	RODRIGUES DE OLIVEIRA, Adm.

**INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)
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OR
☒ Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required)

DEVICE AND METHOD FOR REGULATING AIRCRAFT CONTROL SURFACES

(Title of the Invention)

As a below named inventor, I hereby declare that:

This declaration is directed to:

- ☐ the attached application, or
☒ United States Application Number 16/464,923 filed August 9, 2019, or
☐ PCT International application number filed on

The above-identified application was made or authorized to be made by me.

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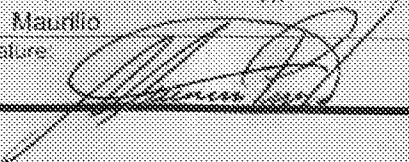
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AGREED and executed as noted below:

Legal Name of Additional Joint Inventor, if any:

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

Maurilio	Augusto	PINTO
Inventor's Signature: 	Date:	APRIL 03, 2020
Witnessed by: Name:		
Signature of witness:	Date:	

Examiner: Don
Examiner: Don

Agency: [redacted]
File number: [redacted]
Date: [redacted]

**INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.53)
USING AN APPLICATION DATA SHEET (37 CFR 1.78)**

- ☐ Declaration Submitted With Initial Filing
☒ Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.105) required)

DEVICE AND METHOD FOR REGULATING AIRCRAFT CARRIER SURFACES

(See P. 000000)

As a fellow named inventor, I hereby declare that:

This declaration is directed to:

- ☐ The attached application, or
☒ United States Application Number: 15/654,322, filed August 3, 2019, or
☐ PCT International application number: filed on:

This above-referenced application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

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by a fine or imprisonment of not more than five (5) years, or both.

WHEREAS, the undersigned inventor ASSIGNEE, has made an invention in the Application identified above;

AND WHEREAS, ASSIGNEE, S.A. (hereinafter ASSIGNEE), an entity, having an office and place of business at Av. Gregorio Pardo 1 and 2775 - San José, Costa Rica; and the undersigned inventor, DR. [redacted], is desirous of assigning an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNEE by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ALL RIGHTS AND INTERESTS in the United States of America and all foreign countries, in and to the invention as described in the attached application, and in the said application and to all subsequent applications based thereon including any and all continuations, divisions, amendments, and substitution of said application, and all resulting patents, together with the right or priority under the International Convention for the Protection of Industrial Property, the Paris Convention for the Protection of Industrial Property, the Madrid Agreement for the Unification of Certain Laws Relating to Patents, and any other international agreements to which the United States of America adheres, and the ASSIGNEE hereby authorizes and requests the Commissioner of Patents and Trademarks to issue and deliver a patent to ASSIGNEE, for its interest in ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE is, through its attorney, [redacted], its successors, assigns, and legal representatives, and will continue to represent only ASSIGNEE, and request to the inventor:

ASSIGNEE hereby agrees to execute a non-exclusive license to ASSIGNEE, its successors, assigns, and legal representatives, and without further consideration, in and to any improvements, and applications for patents based thereon, arising out of or related to the said invention.

ASSIGNEE hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE's prosecution and maintenance of the invention hereby transferred; and

ASSIGNEE hereby agrees, upon request of ASSIGNEE, and without further consideration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of the claims in ASSIGNEE.

AGREED and executed as stated above:

Legal Name of Assignee/ Joint Inventor, if any:

(E.g., John Doe, D.O.B. and Social Security Number to be provided)

Signature: [redacted] Date: APR 3, 2020

Witnessed by:

Name:

Signature of witness:

Date:

We acknowledge the duty to disclose information which is material to the patentability of the application as defined in 37 C.F.R. § 1.56