508485983 04/09/2024

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 Assignment ID: PATI154759

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Diego Faria AMARAL	08/02/2022
Fausto Macedo BASTOS	07/28/2022
Fernando Gonçalves GASTALDO	07/28/2022
Juliano Vilela DE CARVALHO	08/03/2022
Kleber Vilela RIBEIRO	07/29/2022
Leandro Aparecido CARDOZO	08/03/2022
Marcos VINICIUS	07/28/2022
Sydney Osses NUNES	07/28/2022
Vinícius Seixas PEDRO	08/05/2022

RECEIVING PARTY DATA

Company Name:	Embraer S.A.
Street Address:	Av. Brigadeiro Faria Lima, 2170
City:	São José dos Campos – SP
State/Country:	BRAZIL
Postal Code:	12227-901

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17874778

CORRESPONDENCE DATA

Fax Number: 7038164100

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: 7038164000

Email: PatentMail@nixonvan.com,dlb@nixonvan.com

Correspondent Name: Mr. Bryan H. Davidson

Address Line 1: NIXON & VANDERHYE P.C. Address Line 2: 901 North Glebe Road, 11th Floor Address Line 4: Arlington, VIRGINIA 22203-1808

ATTORNEY DOCKET NUMBER: BHD-4439-0383 NAME OF SUBMITTER: Dawn Barbour

PATENT **REEL: 067053 FRAME: 0563** 508485983

SIGNATURE:	Dawn Barbour	
DATE SIGNED:	04/09/2024	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 9		
source=04-09-2024_1-Combined_Dec_	and_Assign_AMARAL#page1.tif	
source=04-09-2024_2-Combined_Dec_	and_Assign_BASTOS#page1.tif	
source=04-09-2024_3-Combined_Dec_	and_Assign_GASTALDO#page1.tif	
source=04-09-2024_4-Combined_Dec_and_Assign_de_CARVALHO#page1.tif		
source=04-09-2024_5-Combined_Dec_and_Assign_RIBEIRO#page1.tif		
source=04-09-2024_6-Combined_Dec_and_Assign_CARDOZO#page1.tif		
source=04-09-2024_8-Combined_Dec_	and_Assign_NUNES#page1.tif	
source=04-09-2024_9-Combined_Dec_and_Assign_PEDRO#page1.tif		

source=04-09-2024_7-Combined_Dec_and_Assign_VINICIUS#page1.tif

PATENT REEL: 067053 FRAME: 0564

Document Description: Oath or declaration filed

	Attorney Docket Number	BHD-4439-0383
	First Named Inventor	Diego Faria AMARAL
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	(0. 0	,
OR		
□ Declaration Submitted After Initial Filing (surcharge (37 C.F.F.)	R. § 1.16(f)) required)	
DOUBLE WALLED FUEL LINE COUPLING COMPONEI DEGREES OF DIS		CAPABLE OF MULTIPLE
(Title of the Inc	vention)	
As a below named inventor, I hereby declare that:		
This declaration is directed to:		
☐ the attached application, or		
 ☑ United States Application Number 17/874,778 filed July 27, 2 	2022, or	
☐ PCT International application number filed on .	,	
•		
The above-identified application was made or authorized to be made by	•	
I believe I am the original inventor or an original joint inventor of a claim		
I hereby acknowledge that any willful false statement made in this declar by fine or imprisonment of not more than five (5) years, or both.	aration is punishable under 1	8 U.S.C. 1001
by line of imprisorment of not more than live (3) years, or both.		
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an in	vention in the Application ide	entified above.
WHEREAS, EMBRAER S.A. (hereinafter ASSIGNEE), an entity, having 2170, São José dos Campos – SP, 12227-901, BRAZIL, is desirous of		
NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or of of which are hereby acknowledged, the said ASSIGNOR by these press ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNEE, and all foreign countries, in and to the invention as described is subsequent applications based thereon including any and all continuationall resulting patents, together with the right of priority under the Internat American Convention Relating to Patents, Designs and Industrial Mode States of America adheres, and the ASSIGNOR hereby authorizes and said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented the patents of the said Letters with respect to this invention;	ents hereby sells, assigns, a NOR'S entire right, title and in the aforesaid application, a ons, divisions, reissues, and ional Convention for the Proels, and any other internation requests the Commissioner ecessors, assigns, and legal	nd transfers unto the said interest in the United States of and to the said application and to all substitutes of said application, and tection of Industrial Property, Interal agreements to which the United of Patents and Trademarks to issue representatives. It is understood and
ASSIGNOR hereby agrees to transfer a like interest upon request of sa representatives, and without further remuneration, in and to any improv of or related to the said invention;		
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its sit to ASSIGNEE'S full protection and title in and to the invention hereby tr		al representatives, deemed essential
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without fur ASSIGNEE, for the filing and granting of foreign applications and the pe		
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 Surna	ame)	
Diego Faria AMARAL		
Inventor's Signature: Disgo Faria Amaral	Date: August	02, 2022
Witnessed by: Name:	·	
Signature of witness:	Date:	

PATENT 1.56. **REEL: 067053 FRAME: 0565**

Witnessed by: Name:

Signature of witness:

Document Description: Oath or declaration filed

Attorney Docket Number BHD -4439-0383

First Named Inventor Diego Faria AMARAL 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) DOUBLE WALLED FUEL LINE COUPLING COMPONENTS AND ASSEMBLIES CAPABLE OF MULTIPLE DEGREES OF DISPLACEMENT (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 17/874,778 filed July 27, 2022, 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 - SP, 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) **Fausto Macedo BASTOS** Inventor's Signature: Date: July 28, 2022

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

Document Description: Oath or declaration filed

Attorney Docket Numb 18 8HD -4439-0363

First Named Inventor

Diego Faris AMARAL

INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT	APPLICATION (37-6
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATIENT USING AN APPLICATION DATA SHEET (37 CFR 1.76)	

☐ Declaration Submitted With Initial Filing

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

DOUBLE WALLED FUEL LINE COUPLING COMPONENTS AND ASSEMBLIES CAPABLE OF MULTIPLE DEGREES OF DISPLACEMENT

(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 17/874,778 filed July 27, 2022, 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. Brigadeline Fana Lima. 2170, São José dos Campos - SP, 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, their of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the Unit America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said appl subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of a long price all resulting patents, together with the right of priority under the International Convention for the Protection of Industria American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is interest as ASSIGNEE, its successors, assigns, and legal representatives. 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 thereo of or related to the said invention;

ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representative 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 and education by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title therete in ASSI

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)

Fernando Goncalves GASTALDO

Inventor's Signature:

Witnessed by:

Name:

Signature of witness:

PATENT REEL: 067053 FRAME: 0567

Name:

Signature of witness:

Document Description: Oath or declaration filed

Attorney Docket Number BHD -4439-0383

First Named Inventor Diego Faria AMARAL 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 ☑ Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required) DOUBLE WALLED FUEL LINE COUPLING COMPONENTS AND ASSEMBLIES CAPABLE OF MULTIPLE DEGREES OF DISPLACEMENT (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 17/874,778 filed July 27, 2022, 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 - SP, 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) Juliano Vilela DE CARVALHO Inventor's Signature: Date: August 03rd, 2022 Witnessed by:

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

Witnessed by: Name:

Signature of witness:

Document Description: Oath or declaration filed

Attorney Docket Number BHD -4439-0383

First Named Inventor Diego Faria AMARAL 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 ☑ Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required) DOUBLE WALLED FUEL LINE COUPLING COMPONENTS AND ASSEMBLIES CAPABLE OF MULTIPLE DEGREES OF DISPLACEMENT (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 17/874,778 filed July 27, 2022, 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 - SP, 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) Kleber Vilela RIBEIRO Inventor's Signature: Date: July 29, 2022

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

Document Description: Oath or declaration filed

	Attorney Docket Number	BHD -4439-0383	
	First Named Inventor	Diego Faria AMARAL	
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.F.	R. § 1.16(f)) required)		
	DOUBLE WALLED FUEL LINE COUPLING COMPONENTS AND ASSEMBLIES CAPABLE OF MULTIPLE DEGREES OF DISPLACEMENT		
(Title of the In	vention)		
As a below named inventor, I hereby declare that:			
This declaration is directed to: ☐ the attached application, or ☐ United States Application Number 17/874,778 filed July 27, 2 ☐ PCT International application number filed on .	2022, or		
The above-identified application was made or authorized to be made by	y me.		
I believe I am the original inventor or an original joint inventor of a claim	ned invention in the application	on.	
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 in	vention in the Application id	entified above.	
WHEREAS, EMBRAER S.A . (hereinafter ASSIGNEE), an entity, having an office and place of business at <i>Av. Brigadeiro Faria Lima</i> , 2170, São José dos Campos – SP, 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 INVENTOR/JOINT INVENTOR:			
(E.g., Given Name (first and middle (if any)) and Family Name or Surna	ame)		
Leandro Aparecido CARDOZO			
Inventor's Signature:	Date: August 03 rd	1, 2022	
Witnessed by: Name:			

PATENT 1.56. **REEL: 067053 FRAME: 0570**

Date:

Signature of witness:

Doc code: Oath Document Description: Oath or declaration filed

	Attorney Docket Number	BHD-4439-0383
	First Named Inventor	Diego Faria AMARAL
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTIL USING AN APPLICATION DA		•
□ Declaration Submitted With Initial Filing OR		,
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DOUBLE WALLED FUEL LINE COUPLING COMPONEI DEGREES OF DIS		CAPABLE OF MULTIPLE
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The above-identified application was made or authorized to be made by I believe I am the original inventor or an original joint inventor of a claim		an .
I hereby acknowledge that any willful false statement made in this declar	• •	
by fine or imprisonment of not more than five (5) years, or both.	aration to parisonate arraor	
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an in	vention in the Application id	entified above.
WHEREAS, EMBRAER S.A. (hereinafter ASSIGNEE), an entity, having 2170, São José dos Campos – SP, 12227-901, BRAZIL, is desirous of		
NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or of of which are hereby acknowledged, the said ASSIGNOR by these pres ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNEE, and all foreign countries, in and to the invention as described is subsequent applications based thereon including any and all continuational resulting patents, together with the right of priority under the Internat American Convention Relating to Patents, Designs and Industrial Mode States of America adheres, and the ASSIGNOR hereby authorizes and said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successful agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented to this invention;	ents hereby sells, assigns, a NOR'S entire right, title and in the aforesaid application, sons, divisions, reissues, and ional Convention for the Proels, and any other internation requests the Commissionel ecessors, assigns, and legal	and transfers unto the said interest in the United States of and to the said application and to all substitutes of said application, and tection of Industrial Property, Internal agreements to which the United of Patents and Trademarks to issue representatives. It is understood and
ASSIGNOR hereby agrees to transfer a like interest upon request of sa representatives, and without further remuneration, in and to any improv 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 Surna	ame)	
Sidney Osses NUNES	Data	
Inventor's Signature:	Date: July 28	, 2022
Witnessed by: Name:		
Signature of witness:	Date:	

PATENT 1.56. REEL: 067053 FRAME: 0571

Witnessed by: Name:

Signature of witness:

Document Description: Oath or declaration filed

Attorney Docket Number BHD -4439-0383

First Named Inventor Diego Faria AMARAL 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) DOUBLE WALLED FUEL LINE COUPLING COMPONENTS AND ASSEMBLIES CAPABLE OF MULTIPLE DEGREES OF DISPLACEMENT (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 17/874,778 filed July 27, 2022, 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 - SP, 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) Vinícius Seixas PEDRO Inventor's Signature: Date: Aug 05, 2022

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

Name:

Signature of witness

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Attorney Docket Number BHD-4439-0383 Diego Faria AMARAL First Named Inventor 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) DOUBLE WALLED FUEL LINE COUPLING COMPONENTS AND ASSEMBLIES CAPABLE OF MULTIPLE **DEGREES OF DISPLACEMENT** (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 17/874,778 filed July 27, 2022, 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 - SP, 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) **Marcos VINICIUS** Inventor's Signature: July 28, 2022 Witnessed by:

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

Date

PATENT **REEL: 067053 FRAME: 0573**

RECORDED: 04/09/2024