# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6504640

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
DANIEL BUENO SILVEIRA LIMA	12/22/2020
FRANCISCO PALAZZO NETO	12/22/2020
RAPHAEL FELIPE GAMA RIBEIRO	12/22/2020
SERGIO GONÇALVES DA COSTA	12/22/2020
WILLIAM MARTINS ALVES	12/22/2020

### **RECEIVING PARTY DATA**

Name:	EMBRAER S.A.
Street Address:	AV. BRIGADEIRO FARIA LIMA, 2170
City:	SÃO JOSÉ DOS CAMPOS - SP
State/Country:	BRAZIL

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17129034

## **CORRESPONDENCE DATA**

Fax Number: (703)816-4100

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: PTOMAIL@nixonvan.com **Correspondent Name: NIXON & VANDERHYE PC** Address Line 1: 901 N GLEBE RD, #1100

Address Line 4: ARLINGTON, VIRGINIA 22203

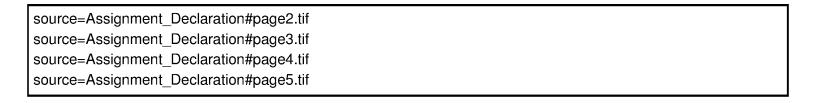
ATTORNEY DOCKET NUMBER:	4439-330
NAME OF SUBMITTER:	ROBERT W. FARIS
SIGNATURE:	/Robert W. Faris/
DATE SIGNED:	01/20/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 5** 

source=Assignment\_Declaration#page1.tif

**PATENT** REEL: 054965 FRAME: 0087

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PATENT REEL: 054965 FRAME: 0088

Inventor's Signature:

Document Description: Oath or declaration filed

Attorney Docket Number 4439-330

	,	1100 000
	First Named Inventor	LIMA, Daniel Bueno Silveira
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY		APPLICATION (37 CFR 1.63)
USING AN APPLICATION DATA	SHEET (37 CFR 1.76)	
Declaration Submitted With Initial Filing		
OR	0 ( (0)	
Declaration Submitted After Initial Filing (surcharge (37 C.F.R.	§ 1.16(f)) required)	
KINETIC ENERGY TAXI SYSTEM AND THERM	IAL ENERGY RECOVE	RY SYSTEM
(Title of the Invent	tion)	
As a below named inventor, I hereby declare that:		
•		
This declaration is directed to:  the attached application, or		
☐ United States Application Number 17/129,034 filed 12-21-20		
PCT International application number filed on .		
The above-identified application was made or authorized to be made by m	e.	
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 declarate		
by fine or imprisonment of not more than five (5) years, or both.		
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an inver	ation in the Application iden	tified above
- , , , , , , , , , , , , , , , , , , ,	• •	
WHEREAS, EMBRAER S.A. (hereinafter ASSIGNEE), an entity, having an 2170, São José dos Campos-SP, Brazil is desirous of acquiring an interes		ss at Av. Brigadeiro Faria Lima,
NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other of which are hereby acknowledged, the said ASSIGNOR by these present ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNO America and all foreign countries, in and to the invention as described in the subsequent applications based thereon including any and all continuations all resulting patents, together with the right of priority under the Internation American Convention Relating to Patents, Designs and Industrial Models, States of America adheres, and the ASSIGNOR hereby authorizes and resaid Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successagreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represent ASSIGNEE with respect to this invention;	s hereby sells, assigns, and R'S entire right, title and into the aforesaid application, and so divisions, reissues, and so all Convention for the Prote and any other international quests the Commissioner of sors, assigns, and legal rests	d transfers unto the said terest in the United States of d to the said application and to all ubstitutes of said application, and ction of Industrial Property, Interagreements to which the United f Patents and Trademarks to issue presentatives. It is understood and
ASSIGNOR hereby agrees to transfer a like interest upon request of said a representatives, and without further remuneration, in and to any improvem of or related to the said invention;		
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its succ to ASSIGNEE'S full protection and title in and to the invention hereby trans		representatives, deemed essential
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without furth ASSIGNEE, for the filing and granting of foreign applications and the perfections.		
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	e)	
Daniel Bueno Silveira	LIMA	

March Chair Asharra Lawren

Date:

**REEL: 054965 FRAME: 0089** 

December 22nd, 2020

Document Description: Oath or declaration filed

Attorney Docket Number	4439-330
First Named Inventor	LIMA Daniel Buene Cilveire

		Attorney Docket Number	4439-330
		First Named Inventor	LIMA, Daniel Bueno Silveira
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 W		(6. 6. 1. 1. 6,	
<del></del>	fter Initial Filing (surcharge (37 C.F.R.	§ 1.16(f)) required)	
KINETIC E	ENERGY TAXI SYSTEM AND THERM	MAL ENERGY RECOVE	RY SYSTEM
	(Title of the Inven	tion)	
As a below named inventor, I	hereby declare that:		
This declaration is directed to  ☐ the attached application,  ☑ United States Application  ☐ PCT International applica	or Number 17/129,034 filed 12-21-20		
The above-identified application	was made or authorized to be made by m	ne.	
I believe I am the original invento	or or an original joint inventor of a claimed	invention in the application	
I hereby acknowledge that any v by fine or imprisonment of not m	willful false statement made in this declara nore than five (5) years, or both.	tion is punishable under 18	U.S.C. 1001
WHEREAS, the undersigned (he	ereinafter ASSIGNOR), has made an inve	ntion in the Application iden	tified 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, 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;			
	ansfer a like interest upon request of said a ther remuneration, in and to any improvem n;		
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			
	n request of ASSIGNEE, and without furth anting of foreign applications and the perfe		
AGREED and executed as i	noted below:		
Legal Name of Additional Join			
` •	Idle (if any)) and Family Name or Surname	•	
Francisco Inventor's Signature:	Palazzo	NETO Date:	
mvontor a Olynature.	(2)ala330		r 22nd, 2020

**REEL: 054965 FRAME: 0090** 

Document Description: Oath or declaration filed

Attorney Docket Number 4439-330

First Named Inventor LIMA Daniel Buong Silveira

	·	7700 000	
	First Named Inventor	LIMA, Daniel Bueno Silveira	
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)			
USING AN APPLICATION DATA S	3HEET (37 CFR 1.76)		
Declaration Submitted With Initial Filing			
OR  ☐ Declaration Submitted After Initial Filing (surcharge (37 C.F.R. §	1 1 C(f)) required)		
Declaration Submitted After Initial Filing (surcharge (37 C.F.R. §	1.16(1)) required)		
KINETIC ENERGY TAXI SYSTEM AND THERMA	AL ENERGY RECOVERY	SYSTEM	
(Title of the Invention	on)		
As a below named inventor, I hereby declare that:			
This declaration is directed to:			
☐ the attached application, or			
☐ United States Application Number 17/129,034 filed 12-21-20			
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 in	vention in the application.		
I hereby acknowledge that any willful false statement made in this declaration	n is punishable under 18 U.S	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	on in the Application identifie	ed above.	
WHEREAS, EMBRAER S.A. (hereinafter ASSIGNEE), an entity, having an o		at Av. Brigadeiro Faria Lima,	
2170, São José dos Campos-SP, 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 ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR			
America and all foreign countries, in and to the invention as described in the			
subsequent applications based thereon including any and all continuations,	divisions, reissues, and subs	titutes of said application, and	
all resulting patents, together with the right of priority under the International			
American Convention Relating to Patents, Designs and Industrial Models, as States of America adheres, and the ASSIGNOR hereby authorizes and requ			
said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its success			
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 AS			
representatives, and without further remuneration, in and to any improvement	nts, and applications for pate	ents based thereon, growing out	
of or related to the said invention;			
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its success to ASSIGNEE'S full protection and title in and to the invention hereby transfer		resentatives, deemed essential	
,			
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)			
Raphael Felipe Gama	RIBEIRO		
Inventor's Signature:	Date:		
John John Carlotte Control of the Co		22nd, 2020	

**REEL: 054965 FRAME: 0091** 

Document Description: Oath or declaration filed

Attorney Docket Number 4439-330

First Named Inventor LIMA, Daniel Bueno Silveira

	First Named Inventor	LIMA, Daniel Bueno Silveira	
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			
	1.16(f)) required)		
KINETIC ENERGY TAXI SYSTEM AND THERM	AL ENERGY RECOVERY	SYSTEM	
(Title of the Invention	n)		
As a below named inventor, I hereby declare that:			
This declaration is directed to:  the attached application, or United States Application Number 17/129,034 filed 12-21-20 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 in	vention in the application.		
I hereby acknowledge that any willful false statement made in this declaration by fine or imprisonment of not more than five (5) years, or both.	n is punishable under 18 U.5	3.C. 1001	
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an inventi	on in the Application identifie	ed 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, 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 patients, 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 filling 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) Sergio Goncalves	చిన అదులాన		
Sergio Gonçalves Inventor's Signature:	Date:	mber 22,2020	

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 4439-330

First Named Inventor LIMA Daniel Buong Silveira

L. Control of the con		1100 000	
	First Named Inventor	LIMA, Daniel Bueno Silveira	
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)			
USING AN APPLICATION DATA S	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)		
KINETIC ENERGY TAXI SYSTEM AND THERMA	AL ENERGY RECOVERY	SYSTEM	
(Title of the Invention	nn)	_	
As a below named inventor, I hereby declare that:			
This declaration is directed to:			
the attached application, or			
☐ United States Application Number 17/129,034 filed 12-21-20			
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 in	, ,		
I hereby acknowledge that any willful false statement made in this declaratio by fine or imprisonment of not more than five (5) years, or both.	n is punishable under 18 U.	S.C. 1001	
by fine of imprisonment of not more than five (5) years, or both.			
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention of the control of the co	on in the Application identific	ed 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, 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 I	nereby sells, assigns, and tr	ansfers unto the said	
ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'			
America and all foreign countries, in and to the invention as described in the subsequent applications based thereon including any and all continuations, or			
all resulting patents, together with the right of priority under the International			
American Convention Relating to Patents, Designs and Industrial Models, ar			
States of America adheres, and the ASSIGNOR hereby authorizes and requisaid Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successions.			
agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represent			
ASSIGNEE with respect to this invention;	•	·	
ASSIGNOR hereby agrees to transfer a like interest upon request of said AS			
representatives, and without further remuneration, in and to any improvement	nts, and applications for pate	ents based thereon, growing out	
of or related to the said invention;			
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its success to ASSIGNEE'S full protection and title in and to the invention hereby transfer		resentatives, deemed essential	
·			
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)			
William Martins	ALVES		
Inventor's Signature:	Date:		
Michael Late Am	December 22	2, 2020	

RECORDED: 01/20/2021 REEL: 054965 FRAME: 0093