506369983 11/24/2020 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6416739

SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT		NEW ASSIGNMENT		
CONVEYING PARTY	' DATA			
		Name	Execution Date	
CHINNARAJAN PER	IYASAMY		04/07/2020	
AKSHAY SRINIVASA	MURTHY		04/13/2020	
WOLFGANG ENTELI	MANN		04/06/2020	
WOLFGANG SCHUL	ZE		05/05/2020	
JENS ROHDE	JENS ROHDE			
RECEIVING PARTY Name:	AIRBUS	OPERATIONS GMBH		
Street Address:	KREETS	KREETSLAG 10		
City:	HAMBU	RG		
State/Country:	GERMA	GERMANY		
Postal Code:	21129	21129		
Name:	AIRBUS	AIRBUS OPERATIONS SAS		
Street Address:	316 ROI	316 ROUTE DE BAYONNE		
City:	TOULO	TOULOUSE		
State/Country:	FRANCE			

PROPERTY NUMBERS Total: 1

Postal Code:

Property Type	Number		
Application Number:	16815225		

31060

CORRESPONDENCE DATA

Fax Number:	(908)654-7866			
		e-mail address first; if that is unsuccessful, it will be sent pat is unsuccessful, it will be sent via US Mail.		
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Email:	assignment@lernerdavid.com			
Correspondent Name:	Correspondent Name: LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP			
Address Line 1: 20 C		COMMERCE DR.		
Address Line 4: CRA		NFORD, NEW JERSEY 07016		
ATTORNEY DOCKET NUMBER:		AIRBUS 3.0F-737		

PATENT REEL: 054454 FRAME: 0929

NAME OF SUBMITTER:	AME OF SUBMITTER: CINDY CORB			
SIGNATURE:	/Cindy Corb/			
DATE SIGNED: 11/24/2020				
This document serves as an Oath/Declaration (37 CFR 1.63).				
Total Attachments: 5	·			
source=combined declaration and assignment#page1.tif				
source=combined declaration and assignment#page2.tif				
source=combined declaration and assignment#page3.tif				
source=combined declaration and assignment#page4.tif				
source=combined declaration and assignment#page5.tif				

COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET

Attorney Docket No.	AIRBUS 3.0F-737	Airbus Reference No.	312.0677US			
Title of the Invention ("Invention")	A Stiffened Structural Component For An Aircraft					
Legal Name of Inventor ("Inventor")	Akshay Srinivasamurthy					
Assignee ("Assignee")	Airbus Operations GmbH, incorporated or otherwise formed in Hamburg, Germany, and having a place of business at Kreetslag 10; 21129 Hamburg; GERMANY and Airbus Operations SAS, incorporated or otherwise formed in France, and having a place of business at 316 route de Bayonne; 31060 Toulouse; FRANCE					
	DE	CLARATION				
As named inventor, I hereby declare	e that:					
This declaration is directed to: The attached Appli	cation					
OR						
	ication Number or PCT Internationa n 11, 2020	al Application Number $16/815$,	225			
that the above-identified Applicat		be made by me;				
that I believe I am the original inver	ntor or an original joint inventor of a	claimed invention in the above-identifi	ed Application; and			
that I hereby acknowledge that any more than five (5) years, or both.	willful false statement made in this	declaration is punishable under 18 U.S.C	2. 1001 by fin e or imprisonment of not			
	AS	SSIGNMENT				
		e Assignee is desirous of acquiring, or ha terest in the above-identified Application				
Assignee my entire right, title and in inventions, discoveries and other su substitute, reissue, re-examination c priority to or benefit of the Applicat assign, to Assignee the right to clain Application to a third party. I here Assignee all patents resulting from t remuneration, to execute and delive required to evidence or protect Assi discretion. I agree that the Assignee provision herein is unenforceable, th	nterest in and to the Application in t bject matter described therein, any of ertificate following Inter Partes Rev tion pursuant to any law or treaty, and n such priority or benefit. I have no by authorize the U.S. Patent and Tra the Application and to record Assign r documents prepared at Assignee's genee's rights in the Application. Asse may affix its signature to this docu- the requirements of the provision sha	of previously conveyed, nor am I aware o demark Office, and any other governmen nee's ownership thereof. At Assignee's r expense and to provide other cooperation signee may assign or transfer all or part of ment as well as any other indicia of its ac	r countries, including any and all part, conversion, non-provisional, eview, all other applications claiming egoing. I agree to assign, and hereby do f an obligation to convey, my rights in the ntal agency in the world, to issue to easonable request I agree, without further n, such as testimony, as may be reasonably f its rights set forth herein in its sole cceptance of the provisions hereof. If any y law and the offending portions thereof			
		Ą	and			
13/04/202	0					
(Date)			(Signature)			
	erson may not execute an oath or decl	WARNING aration unless the person has reviewed and ation known to be material to patentability a	understands the contents of the application, as defined in 1.56."			

An Application Data Sheet (PTO/SB/14 or Equivalent) naming the entire inventiveness entity must accompany this form unless previously submitted.

PATENT REEL: 054454 FRAME: 0931

COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET				
Attorney Docket No.	AIRBUS 3.0F-737	Airbus Referen	ce No.	312.0677US
Title of the Investion ("Invention")	A Stiffened Structural Comp	ponent For An Aircraft		
Legal Name of Inventor ("Inventor")	Chinnarajan Periyasamy			
Assignee ("Assignee")	Airbus Operations GmbH, incorporated or otherwise formed in Hamburg, Germany, and having a place of business at Kreetslag 10; 21129 Hamburg; GERMANY and Airbus Operations SAS, incorporated or otherwise formed in France, and having a place of business at 316 route de Bayonne; 31060 Toulouse; FRANCE			
		DECLARATION		-
As named inventor, I hereby declare	e that:			
This declaration is directed to:	cation			
OR X United States Appl filed on March	ication Number or PCT Internat 1 11, 2020	ional Application Number	16/815,	225
that the above-identified Application		e made by me;		
that I believe I am the original inver	uor or an original joint inventor	of a claimed invention in the ab	ove-identifie	d Application; and
that I hereby acknowledge that any more than five (5) years, or both	willful false statement made in t	his declaration is punishable und	ler 18 U.S.C	. 1001 by fine or imprisonment of not
		ASSIGNMENT		
IN ADDITION TO MAKING THIS memorializing its acquisition furthe				
NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, 1 agree to assign, and hereby do assign, to Assignee my entire right, title and interest in and to the Application in the United States of America and all other countries, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, conversion, non-provisional, substitute, reissue, re-examination certificate following Inter Partes Review, certificate following Post Grant Review, all other applications claiming priority to or benefit of the Application pursuant to any law or treaty, and any patent issuing from any of the foregoing. I agree to assign, and hereby do assign, to Assignee the right to claim such priority or benefit. I have not previously conveyed, nor am I aware of an obligation to convey, my rights in the Application to a third party. Thereby authorize the U.S. Patent and Trademark Office, and any other governmental agency in the world, to issue to Assignee all patents resulting from the Application and to record Assignee's expense and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect Assignee's rights in the Application. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the Assignee may affix its signature to this document as well as any other indicia of its acceptance of the provisions hereof. If any provision herein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision mest closely reflecting the purpose of the offending provision.				
07/04/2000 R. Ch. Ry.				
	4/2000			
(Date)		(8)	ignature)	
According to 37 C.F.R. 1.63 (c), "[a] j including claims and is aware of the d				understands the contents of the application, as defined in 1.56."

An Application Data Sheet (PTO/SB/14 or Equivalent) naming the entire inventiveness entity must accompany this form unless previously submitted.

COMBIN APP	IED DECLARATION AND AS LICATION (37 CFR 1.63) USIN	SIGNMENT FOR UTILITY C GANAPPLICATION DATA	DR DESIGN SHEET	
Attorney Docket No.	AIREUS 3.0F-737	Airbus Reference No.	312.0677US	
Title of the Invention ("Invention")	A Stiffened Structural Component I	or An Aircraft		
Legal Name of Inventor ("Inventor")	Jous Rohde			
Assignee ("Assignee")	Airbus Operations GmbH, incorporated Kreetslag 10; 21129 Hamburg; GERMA having a place of business at 316 route d	NY and Airbus Operations, SAS, income	ny, and having a place of business at anticed or otherwise formed in France, and	
		RATION		
As named inventor, I hereby declar	e that:			
This declaration is directed to: The attached Appl OR United States App	ication lication Number or PCT International Ap	plication Number 16/815.22	<i>ج</i>	
filedon Marc	<u>11,2020</u>	pinanton Waliford 10/ 013,22		
that the above-identified Applica	tion is/was made or authorized to be n	ade by me;		
that I believel am the original inve	ntor or an original joint in ventor of a clai	ned invention in the above-identified	Application; and	
that I hereby acknowledge that any more than five (5) years, or both.	willful false statement made in this decla	nation is punishable under 18 U.S.C. 1	001 by fine or imprisonment of not	
	ASSIG	NMENT		
IN ADDITION TO MAKING THE memorializing its acquisition furthe	DECLARATION, WHEREAS the Ass rherein, my entire right, title and interes	gnee is desirous of acquiring, or has a in the above-identified Application.	equired and is desirous of	
NOW, THEREFORE. for good and valuable consideration the receipt of which is hereby acknowledged. I agree to assign, and hereby do assign, to Assignee my entire right, title and interest in and to the Application in the United States of America and all other countries, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation-in-part, conversion, non-provisional, substitute, reissue, re-examination certificate following Inter Partes Review, certificate following Post Grant Review, all other applications claiming priority to orbenefit of the Application pursuant to any lawor treaty, and any patent issuing from any of the foregoing. I agree to assign, and hereby do assign, to Assignee the right to claim such priority or benefit. I have not previously conveyed, noram I aware of an obligation to convey, my rights in the Application to a third party. I hereby authorize the U.S. Patent and Trademark Office, and any other governmental agency in the world, to issue to Assignee all patents resulting from the Application and to record Assignee's ownership thereof. At Assignee's request I agree, without further remuneration, to execute and deliver documents prepared at Assignee's expense and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect Assignee's rights in the Application. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the Assignee may affix its signature to this document as well as any other indicia of its acceptance of the offending provision shell remains to the full extent permissible by law and the offending provision schereof. If any provision herein is uncuforeeable, the requirements of the provision most closely reflection the purpose of the offending provision.				
WARNING According to 37 C.F.R. 1.63 (c), "[a] person may not excente an oath or declaration unless the person has reviewed and understands the contents of the application,				
including claims and is aware of the du	ty to disclose to the Office all information l	nown to be material to patentability as c	leftned in 1.36."	

An Application Data Sheet (PTO/SB/14 or Equivalent) naming the entire inventiveness entity must accompany this form unless previously submitted.

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	IED DECLARATION ANI ACATION (37 CFR 1.63) 1		F FOR UTILITY OR BESIGN LICATION DATA SHEET
Attennøy Öcel in No.	AIRBUS 3.08-737	Airbu	Reference No. 312.067705
Title of the Invention ("Invention")	A Stiffened Structural Cianpo	nem Per An Airera	хî
Logal Name of Inventor ("Inventor")	Wolfgang Schulze		
Assignue ("Assignoe")	Abbui Operitticits OribBi, minurgi	istMANY and Airbid	nied in Hamburg, Germany, and laving a place of business w t Operations RAS, incorporated or otherwise formed in Presce, and 960 Yeutoose, FRANCE
	X	ECLARATION	
As named inventor, I hereby declars	(Bat)		
This declaration is directed to.	cation		
(<u>x</u>) United States Appl filed on <u>Marc</u> f	cation Nomber of PCT Internation (11, 2020	al Application film	ber <u>16/815,225</u>
that the above-identified Application	t is was made in authorized to be r	osde by me:	
that I believe I am the original inves	ter or an original joint inventor of	a claimed invention	in the above-identified Application; and
that I hamby acknowledge that any s more than five (3) years, or both.	villful false statement made in this	declaration is punis	lishis inder 15 (J.S.C. 1001 by line of imprisonaises of you
	ć	SSIGNMENT	
IN ADDITION 7/3 MAKING THIS monorializing its acquisition further	DECLARATION, WHEREAS in betch	n Anaignen is desim usunn in the above	us of orquiring, or has required and is desirons of identifiest Application.
Assignee my endite right, title and ig intermose, discoveries and other sul substitute, reissue, recommission o priority to or benefit of the Applican assign, to Assignee the right to char Application to a third party. Thereby Assignee all patents manifold promit remumration, to execute and deliver manifold to evidence or protect Assig- discretion. Tagree that the Assignee	servest in and to the Application in ject matter desembled therein, my artificate following liner Parties Bie on putsuant to any law or treaty, a such priority or heavilt. I have as y authorize the U.S. Patem used Tre- he Application and to record Assign documents prepared at Assignes's mover rights in the Application. As may affix its signature to the documents of the previous of the provision sho of botsuble, with a gravitism meet	the United Status of divisional, continua- view, certificate ful- nod sny parent issuin by previously conve- demark Office, and nee's ownership the aspense and to pro- signee may assign of yourd as woll as any kill remain to the ful-	ekonwhodgoti. I ugree to ansign, and hareby do assign, to America and all other committee including any and all too, continuation-in-part, conversion, non-provisional, towing Post Grant Review, all other applications claiming giftim any of the longoing. I agree to assign, and hereby do red, nor am I aware of an obligation to coursey, my rights in the sity other governmental agency in the world, to issue to revel. At Assigned's reasonable request I agree, without further wide other cooperation, such as testimony, as may be reasonably it hansler all or part of its rights set forth herein in its sale other indicits of its acceptance of the provisions hereof. If any ensuits provises it by law and the offending portions thereof a propose of the despined and the offending portions thereof a propose of the despined and the offending portions thereof a propose of the despined of the offending portions thereof a propose of the despined of the offending portions thereof a propose of the despined of the offending portions thereof a propose of the despined of the offending portions thereof a propose of the despined of the offending portions thereof (signature)
According to 37 C.F.R. 1.60 (c). ((a) p including claims and is sware of the de	erson may not execute an oath or da ty to disclose to the Office sil induce	WARNING Janukos indeas (ho p artien knowe 46 be 1)	erson has reviewed and understands the nontenis of the application, aterial to patematelity as defined in 1.56."
An Application Data Sires (unless previously submitted	°TO/88/14 or Equivalent) and	ing the entire in-	entiveness entity wast accompany this form

PATENT REEL: 054454 FRAME: 0934

	NED DECLARATION A LICATION (37 CFR 1.63			
Attorney Docket No.	AIRBUS 3.0F-737	Airbus Referen	ce No.	312.0677US
Title of the Invention ("Invention")	A Stiffened Structural Comp	onent For An Aircraft		
Legal Name of Inventor ("Inventor")	Wolfgang Entelmann			
Assignee ("Assignee")	Airbus Operations GmbH, incorporated or otherwise formed in Hamburg, Germany, and having a place of business at Kreetslag 10; 21129 Hamburg; GERMANY and Airbus Operations SAS, incorporated or otherwise formed in France, and having a place of business at 316 route de Bayonne; 31060 Toulouse; FRANCE			
		DECLARATION		-
As named inventor, I hereby declare	e that:			
This declaration is directed to: The attached Appli OR				
	ication Number or PCT Internati n 11, 2020	onal Application Number	16/815,2	225
that the above-identified Applicatio	n is/was made or authorized to be	e made by me;		
that I believe I am the original inver	ntor or an original joint inventor	of a claimed invention in the ab	ove-identified	Application; and
that I hereby acknowledge that any more than five (5) years, or both.	willful false statement made in th	is declaration is punishable und	ler 18 U.S.C.	1001 by fine or imprisonment of not
		ASSIGNMENT		
IN ADDITION TO MAKING THIS memorializing its acquisition furthe				
NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I agree to assign, and hereby do assign, to Assignee my entire right, title and interest in and to the Application in the United States of America and all other countries, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, conversion, non-provisional, substitute, reissue, re-examination certificate following Inter Partes Review, certificate following Post Grant Review, all other applications claiming priority to or benefit of the Application pursuant to any law or treaty, and any patent issuing from any of the foregoing. I agree to assign, and hereby do assign, to Assignee the right to claim such priority or benefit. I have not previously conveyed, nor am I aware of an obligation to convey, my rights in the Application to a third party. I hereby authorize the U.S. Patent and Trademark Office, and any other governmental agency in the world, to issue to Assignee all patents resulting from the Application and to record Assignee's ownership thereof. At Assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepared at Assignee's expense and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect Assignee's rights in the Application. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the Assignee may affix its signature to this document as well as any other indicia of its acceptance of the provisions hereof. If any provision herein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision most closely reflecting the purpose of the offending provision.				
(Date)		(Si	gnature)	
WARNING According to 37 C.F.R. 1.63 (c), "[a] person may not execute an oath or declaration unless the person has reviewed and understands the contents of the application, including claims and is aware of the duty to disclose to the Office all information known to be material to patentability as defined in 1.56."				