505235386 12/13/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

ersion v1.1 EPAS ID: PAT5282156

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM TULLOCH	03/08/2018
PAT BROOMFIELD	12/14/2017

RECEIVING PARTY DATA

Name:	AIRBUS OPERATIONS LIMITED
Street Address:	PEGASUS HOUSE, AEROSPACE AVENUE, FILTON
City:	BRISTOL
State/Country:	UNITED KINGDOM
Postal Code:	BS34 7PA

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16219095

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: 703-816-4000

Email: PTOMAIL@nixonvan.com
Correspondent Name: NIXON & VANDERHYE, PC

Address Line 1: 901 NORTH GLEBE ROAD, 11TH FLOOR

Address Line 4: ARLINGTON, VIRGINIA 22203

ATTORNEY DOCKET NUMBER:	AHB-5065-512
NAME OF SUBMITTER:	AMIR H. BEHNIA
SIGNATURE:	/Amir H. Behnia/
DATE SIGNED:	12/13/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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PATENT 505235386 REEL: 047768 FRAME: 0112

Airbus Ref: 13526-US-NP

	Docket Number	
	First Named Inventor	William TULLOCH
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UT CFR 1.63) USING AN APPLICATION D		
ASSEMBLY WITH CAPTI	VE NUT	
(Title of the Invention)		
As a below named inventor, I hereby declare that:		
This declaration is directed to:	iled 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 claim	imed invention in the applica	ation.
I hereby acknowledge that any willful false statement made in this de- by fine or imprisonment of not more than five (5) years, or both.	claration is punishable unde	r 18 U.S.C. 1001
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an	invention in the Application	identified above.
WHEREAS, AIRBUS OPERATIONS LIMITED (hereinafter ASSIGNE House, Aerospace Avenue, Filton, Bristol, BS34 7PA, UK is desire		
THEREFORE, in consideration of other good and valuable consideral acknowledged, the ASSIGNOR has and does sell, assigns, and transrepresentatives, ASSIGNOR'S entire right, title and interest in the Unithe invention as described in the aforesaid application, and to the appriority to or based thereon including any and all continuations, division resulting patents, together with the right of priority under the International Inter-American Convention Relating to Patents, Designs and Industrial which the United States of America adheres, and the ASSIGNOR aut Trademarks to issue the Patent to ASSIGNEE;	sters to ASSIGNEE, its succe ited States of America and a blication itself and to all subs ons, reissues, and substitute onal Convention for the Prot al Models, and any other inte	essors, assigns, and legal all foreign countries, in and to equent applications claiming s of the application, and all ection of Industrial Property, ernational agreements to
ASSIGNOR agrees to execute, without further remuneration, any papto ensure ASSIGNEE'S full protection and title in and to the invention		
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 Sur	name)	
William TULLOC	000000000000000000000000000000000000000	
Inventor's Signature: W. Tuluu	Date: _	3 Mar 2019
Witnessed by: Name: PAT BRWMだELD		***************************************
Signature of witness:	Date: 〈	Sh March 201

PATENT
REEL: 047768 FRAME: 0113

Airbus Ref: 13526-US-NP

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	Docket Number			
	First Named Inventor	William TULLOCH		
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET (37 CFR 1.76)				
ASSEMBLY WITH CAPTIVI	E NUT			
(Title of the Invention)				
As a below named inventor, I hereby declare that:				
This declaration is directed to: the attached application, or PCT International application number PCT/file	d 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 claim	ed invention in the applica	tion.		
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.	ration is punishable under	18 U.S.C. 1001		
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an in	vention in the Application i	dentified above.		
WHEREAS, AIRBUS OPERATIONS LIMITED (hereinafter ASSIGNEE), having an office and place of business at, Pegasus House, Aerospace Avenue, Filton, Bristol, BS34 7PA, UK is desirous of acquiring an interest therein;				
THEREFORE, in consideration of other good and valuable consideration, the receipt and sufficiency of which are acknowledged, the ASSIGNOR has and does sell, assigns, and transfers to 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 application itself and to all subsequent applications claiming priority to or based thereon including any and all continuations, divisions, reissues, and substitutes of the 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 authorizes and requests the Commissioner of Patents and Trademarks to issue the Patent to ASSIGNEE:				
ASSIGNOR agrees to execute, without further remuneration, any papers provided by ASSIGNEE that are reasonably needed to ensure ASSIGNEE'S full protection and title in and to the invention and the patents and application for the invention.				
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	me)			
Pat BROOMFIEL	***************************************			
Inventor's Signature:	Date:	4-020 ZEVT		
Witnessed by:				
Name: Piers George Gov				
Signature of witness:	Date: 14	DEC. 2017		
Market Market Commencer Co	error et la			

PATENT REEL: 047768 FRAME: 0114

RECORDED: 12/13/2018