502906296 07/24/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2952893

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEPHAN KRAUS	07/22/2014
THOMAS MAIER	07/22/2014
MARKUS WOLF	07/22/2014

RECEIVING PARTY DATA

Name:	ASTRIUM GMBH
Street Address:	ROBERT-KOCH-STR. 1
City:	TAUFKIRCHEN
State/Country:	GERMANY
Postal Code:	82024

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14339953

CORRESPONDENCE DATA

Fax Number: (202)628-8844

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: 2026242500

Email: dwiezik@crowell.com

Correspondent Name: CROWELL & MORING LLP

Address Line 1: 1001 PENNSYLVANIA AVENUE, N.W.

Address Line 4: WASHINGTON, D.C. 20004

ATTORNEY DOCKET NUMBER:	010588.66752US	
NAME OF SUBMITTER:	STEPHEN W. PALAN	
SIGNATURE:	/Stephen W. Palan, Reg. No. 43,420/	
DATE SIGNED: 07/24/2014		
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 3

source=66752US_Assignment_Declaration#page1.tif source=66752US_Assignment_Declaration#page2.tif source=66752US_Assignment_Declaration#page3.tif

PATENT 502906296 REEL: 033385 FRAME: 0662

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

Title of Invention:	Device for Opening or Closing a Seal Set of a Valve
the application that the the the the the the the the the th	d declaration are directed to (check one): on identified above by the attorney docket no. and title of invention tional Application Number, filed s Application No, filed
	<u>ASSIGNMENT</u>
	ble consideration, the receipt and sufficiency of which are hereby acknowledged, as a tor 1 have sold and assigned, and by these presents hereby sell and assign, unto:
Name of Assignee:	Astrium GmbH
Address of Assigne	e: Robert-Koch-Str. 1, 82024 Taufkirchen, GERMANY
and to the above-ide continuations thereo application or for sa by said ASSIGNEE	NEE) all my right, title, and interest for the United States, its territories, and possessions in entified invention and United States patent application, including any and all divisions or of, and in and to any and all Letters Patent of the United States that may issue on any such aid invention, including any and all reissues or extensions thereof, to be held and enjoyed, its successors, or assigns to the full end of the term or terms for which any and all such be granted as fully and entirely as would have been held and enjoyed by me had this in made.
	nd request the Director of the U.S. Patent and Trademark Office to issue any and all such d ASSIGNEE, its successors, or assigns in accordance herewith.
	ant that I have the full and unencumbered right to sell and assign the interests herein sold at I have not executed and will not execute any document or instrument in conflict
or assigns all inform and deliver any pape acts deemed necessa perfect title to said i all Letters Patent tha ASSIGNEE, its successions	and agree that I will communicate to said ASSIGNEE, its successors, legal representatives, nation known to me relating to said invention or patent application and that I will execute ers, make all rightful oaths, testify in any legal proceedings, and perform all other lawful arry or desirable by said ASSIGNEE, its successors, legal representatives, or assigns to invention, to said application including divisions and continuations thereof and to any and at may be granted therefor or thereon, including reissues or extensions, in said cessors, or assigns, or to assist said ASSIGNEE, its successors, legal representatives, or reissuing, or enforcing Letters Patent of the United States for said invention.
	<u>DECLARATION</u>
As a below named in	nventor, I hereby declare that:
The above-identified	d application was made or authorized to be made by me.
I believe that I am th	ne original inventor or an original joint inventor of a claimed invention in the application.
	ge that any willful false statement made in this declaration is punishable under 18 U.S.C. risonment of not more than five (5) years, or both.
Signature: Ste	Stephan Leaus 22. July 2014 phan KRAUS DATE

PATENT REEL: 033385 FRAME: 0663

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

Title of Invention:	Device for Opening or Closing a Seal Set of a Valve			
the application	eclaration are directed to (check one): didentified above by the attorney docket no. and title of invention onal Application Number, filed, filed			
	<u>ASSIGNMENT</u>			
For good and valuable of below named inventor I	consideration, the receipt and sufficiency of which are hereby acknowledged, I have sold and assigned, and by these presents hereby sell and assign, unto:	, as a		
Name of Assignee:	Astrium GmbH			
Address of Assignee:	Robert-Koch-Str. 1, 82024 Taufkirchen, GERMANY			
and to the above-identificontinuations thereof, as such application or for senjoyed by said ASSIG	E) all my right, title and interest for the United States, its territories and posse fied invention and United States patent application, including any and all dividend in and to any and all Letters Patent of the United States which may issue a said invention, including any and all reissues or extensions thereof, to be held in EE, its successors or assigns to the full end of the term or terms for which a by be granted as fully and entirely as would have been held and enjoyed by menade.	isions or on any I and any and all		
I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith.				
I warrant and covenant that I have the full and unencumbered right to sell and assign the interests herein sold and assigned and that I have not executed and will not execute any document or instrument in conflict herewith.				
I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors or assigns, or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention.				
	<u>DECLARATION</u>			
As a below named inven	entor, I hereby declare that:			
The above-identified app	oplication was made or authorized to be made by me.			
I believe that I am the or	original inventor or an original joint inventor of a claimed invention in the app	olication.		
I hereby acknowledge the 1001 by fine or imprisor	hat any willful false statement made in this declaration is punishable under 11 onment of not more than five (5) years, or both.	8 U.S.C.		
Signature: Inventor: Thomas	as MAIER DATE	2014		

PATENT REEL: 033385 FRAME: 0664

RECORDED: 07/24/2014

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

Title of Invention:	Device for Opening or Closing a S	eal Set of a Valve	
the application is	claration are directed to (check one) dentified above by the attorney dock al Application Numberpplication No	ket no. and title of invent	tion
	<u>ASSIGNM</u>	<u>ENT</u>	
	consideration, the receipt and suffici I have sold and assigned, and by the		
Name of Assignee:	Astrium GmbH		
Address of Assignee:	Robert-Koch-Str. 1, 82024 Taufk	tirchen, GERMANY	
and to the above-identif continuations thereof, a application or for said in by said ASSIGNEE, its	E) all my right, title, and interest for fied invention and United States pate nd in and to any and all Letters Pate nvention, including any and all reiss successors, or assigns to the full entranted as fully and entirely as would ade.	ent application, including ent of the United States the sues or extensions thereo d of the term or terms fo	g any and all divisions or hat may issue on any such if, to be held and enjoyed if which any and all such
I hereby authorize and r Letters Patent to said AS	request the Director of the U.S. Pater SSIGNEE, its successors, or assigns	nt and Trademark Office in accordance herewith	e to issue any and all such
I warrant and covenant and assigned and that I herewith.	that I have the full and unencumbere have not executed and will not execu-	ed right to sell and assign ute any document or inst	n the interests herein sold trument in conflict
I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives, or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings, and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives, or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent that may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns, or to assist said ASSIGNEE, its successors, legal representatives, or assigns in obtaining, reissuing, or enforcing Letters Patent of the United States for said invention.			
	<u>DECLARA</u>	<u>TION</u>	
As a below named inver	ntor, I hereby declare that:		
The above-identified ap	plication was made or authorized to	be made by me.	
I believe that I am the or	riginal inventor or an original joint i	nventor of a claimed inv	vention in the application.
	nat any willful false statement made nment of not more than five (5) year		nishable under 18 U.S.C.
Signature: Marku	wolf		22.02. 2014 DATE

PATENT

REEL: 033385 FRAME: 0665