11/12/2012

Form PTO-1595 (Rev. 03-1 OMB No. 0651-0027 (exp. 0	03/31/2015)	U.S. DEPARTMENT OF COMMERC United States Patent and Trademark Office	
	PATENT		
To the Director of the	U.S. Patent and Trademark Office: Please	erecord the attached documents or the new address(es) below.	
1. Name of convey	** ** /	2. Name and address of receiving party(les)	
Additional name(s) of conv	26/2012), and Frummer (10/26/2012)	Name: Airbus Operations GmbH Internal Address:	
Execution Date(s): in	n parentheses after inventor name Merger Change of Name	Kreetslag 10	
Security Agreeme		City: Hamburg	
Government Inter	est Assignment	State:	
Executive Order 9	424, Confirmatory License	Country: Germany Zip: 21129 AddItional name(s) & address(es) Yes X No attached? Yes X No	
A. Patent Application 13/633,9		B. Patent No.(s)	
5. Name and address t concerning docume	o whom correspondence nt should be malled:	6. Total number of applications and 1	
	Michael H. Teschner NER, DAVID, LITTENBERG, UMHOLZ & MENTLIK, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00	
Internal Address: Atty. Dkt.: AIRBUS 3.0-467 Street Address: 600 South Avenue West		X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)	
City:	Westfield	8. Payment information	
State: N	J Zip: 07090		
Phone Number:	908-654-5000		
Fax Number:	908-654-7866	Deposit Account Number 12-1095	
Email Address:	ataylor@ldlkm.com	Authorized User Name Michael H. Teschner	
9. Signature:	Signature	November 12, 2012	
N	Aichael H. Teschner - 32,862 Name of Person Signing	Total number of pages including cover 4 sheet, attachments, and documents:	

PATENT REEL: 029342 FRAME: 0116

2922783

	former PYO/SB/15 (8-00) Medified LDLK Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	AIRBUS 3.0-467
Whereas, I, Marco Pacchione	of
Parkstrasse 22; 22605 Hamburg; GERMANY	
hereafter referred to as assignor, have with others invented certa	in new and useful improvements in
JOINING APPARATUS FOR JOINING STRUCTURAL	COMPONENTS OF AN AIRCRAFT
X for which an application for a United States Letters Pate Application Number 13/633,965	
for which an application for a United States Letters Palen	t was executed by me on,
for which an International Application was filed on	, as
, designating the United	States.
And Whereas, Airbus Operations GmbH	
a corporation of <u>Germany</u> herein referred to as "assignee" whos	e mailing address is
Kreetslag 10; 21129 Hamburg; GERMANY	
Is desirous of acquiring the entire right, title and interest in the sa	me;
applications and patents applied for or granus applications and p said invention, including without limitation all applications and p the aforesaid utility application pursuant to any law or treaty, ar infringement with the right to sue for and collect the same for its legal representatives, and including the right to claim such prior Trademarks is hereby authorized and requested to issue all pa said assignee herein, as assignee of the entire interest the representatives, heirs and assigns do hereby agree and covenar all original, divisional, continuation, reissue and other applicati assignments thereof to said assignee or its assigns, to commu- known to the undersigned respecting said improvements, when legal proceedings in which any of said applications or patents r all rightful oaths, and to do generally everything necessary to a obtain patent protection for said improvements in all countries, t and paid by said assignee.	Id including all claims for damages by reason of parts own use and the use of its successors, assigns a brity or benefit and the Commissioner of Patents a clents on said improvements or resulting therefrom the without further remuneration, to execute and delivions for Letters Patent on said improvements and inicate to said assignee or its representatives all favore requested, to testify in any interferences or of the assigned.
	he expenses incident to said applications to be bor
And I do hereby authorize my attorneys to insert on this deed the when known.	he expenses incident to said applications to be bor
	he expenses incident to said applications to be bor
when known.	he expenses incident to said applications to be bor
when known. <u>23.10.2012</u> Date <u>V2Coth Discute</u> Witness	he expenses incident to said applications to be bor e filing date and application number of said applications
when known. <u>2 ら、 (ク、 さつに ス</u>	he expenses incident to said applications to be bor e filing date and application number of said applications
When known. <u>29. (U. 20)</u> Date <u>V2Cotta Discourse</u> Witness <u>VALENTIN RICHTER-TRUMMER</u>	he expenses incident to said applications to be bole a filing date and application number of said applicat

.: •• .

•

	Iorner PTC/SB/15 18-00) Medified LDLK&	
ASSIGNMENT OF UTILITY APPLICATION	AIRBUS 3.0-467	
Vhereas, I, Matteo Pezzi		o(
<u>Via Modigliani 4/1: 48026- Russi: ITALY</u>		
ereafter referred to as assignor, have with others invented certa		
JOINING APPARATUS FOR JOINING STRUCTURAL		-
X for which an application for a United States Letters Pate	nt was illed onOctober 3, 2012	-
Application Number 13/633,965		
for which an application for a United States Letters Patent	t was executed by me on	_ ·
for which an International Application was filed on	, aş	
, designating the United	States.	
nd		
/hereas, Airbus Operations GmbH		
corporation of Germany herein referred to as "assignse" whose	mailing address is	
Kreetslag 10; 21129 Hamburg; GERMANY		
desirous of acquiring the entire right, title and interest in the sar	me;	
signee my entire right, title and interest for the United State vention and the aforesaid utility patent application and all or oplications and patents applied for or granted therefor in the U aid Invention, including without limitation all applications and pa	iginal, divisional, continuation, substitute or Jnited States of America and all other count atents for said invention claiming priority or bi	to said reissue ries, for anefit of
signee my entire right, title and interest for the United State vention and the aforesaid utility patent application and all or oplications and patents applied for or granted therefor in the t	s of America and all other countries in and iginal, divisional, continuation, substitute or United States of America and all other count atents for said invention claiming priority or bit d including all claims for damages by reason own use and the use of its successors, assig- rity or benefit and the Commissioner of Pate ents on said improvements or resulting there erein; and the undersigned for me and mit t without further remuneration, to execute and ms for Letters Patent on said improvements loate to said assignee or its representatives is ver requested, to testify in any interferences is assignee, its successors, assigns and nomit	to said reissue mes, for anefit of of past gns and ints and afrom to ny legal i deliver and all all facts or other s, make iness to
signee my entire right, title and interest for the United State vention and the aforesaid utility patent application and all or oplications and patents applied for or granted therefor in the U aid Invention, including without limitation all applications and pa- e aforesaid utility application pursuant to any law or treaty, and infigement with the right to sue for and collect the same for its gal representatives, and including the right to claim such prior ademarks is hereby authorized and requested to issue all pat aid assignee herein, as assignee of the entire interest the presentatives, heirs and assigns do hereby agree and covenan I original, divisional, continuation, reissue and other applicatio isignments thereof to said assignee or its assigns, to commun nown to the undersigned respecting said improvements, where gal proceedings in which any of said applications or patents m i rightful oaths, and to do generally everything necessary to all totain patent protection for said Improvements in all countries, the paid by said assignee.	s of America and all other countries in and iginal, divisional, continuation, substitute or United States of America and all other count atents for said invention claiming priority or bid d including all claims for damages by reason own use and the use of its successors, assig- rity or banefit and the Commissioner of Pate ants on said improvements or resulting there erein; and the undersigned for me and m t without further remuneration, to execute and ins for Letters Patent on said improvements loate to said assignee or its representatives , ver requested, to testify in any interferences to assignee, its successors, assigns and nomi- ne expenses incident to said applications to b	to said reissue rries, for anefit of of past gns and afrom to ny legal d defiver and all all facts or other s, make inees to s bome
signee my entire right, title and interest for the United State vention and the aforesaid utility patent application and all or oplications and patents applied for or granted therefor in the U aid Invention, including without limitation all applications and pa- e aforesaid utility application pursuant to any law or treaty, and ringement with the right to sue for and collect the same for its gal representatives, and including the right to claim such prior ademarks is hereby authorized and requested to issue all pat aid assignee herein, as assignee of the entire interest the presentatives, heirs and assigns do hereby agree and covenan I original, divisional, continuation, reissue and other applicatio isignments thereof to said assignee or its assigns, to commun nown to the undersigned respecting said improvements, where gal proceedings in which any of said applications or patents m I rightful oaths, and to do generally everything necessary to all totain patent protection for said improvements in all countries, the paid by said assignee.	s of America and all other countries in and iginal, divisional, continuation, substitute or United States of America and all other count atents for said invention claiming priority or bid d including all claims for damages by reason own use and the use of its successors, assig- rity or banefit and the Commissioner of Pate ants on said improvements or resulting there erein; and the undersigned for me and m t without further remuneration, to execute and ins for Letters Patent on said improvements loate to said assignee or its representatives , ver requested, to testify in any interferences to assignee, its successors, assigns and nomi- ne expenses incident to said applications to b	to said reissue rries, for anefit of of past gns and afrom to ny legal d defiver and all all facts or other s, make inees to s bome
ssignee my entire right, title and interest for the United State vention and the aforesaid utility patent application and all or oplications and patents applied for or granted therefor in the L aid Invention, including without limitation all applications and pa- e aforesaid utility application pursuant to any law or treaty, and infigement with the right to sue for and collect the same for its gal representatives, and including the right to claim such prior ademarks is hereby authorized and requested to issue all pat- aid assignee herein, as assignee of the entire interest the presentatives, heirs and assignee or its assigns, to commun- ionginal, divisional, continuation, reissue and other application signments thereof to said assignee or its assigns, to commun- nown to the undersigned respecting said improvements, where gal proceedings in which any of said applications or patents m i rightful oaths, and to do generally everything necessary to all obtain patent protection for said Improvements in all countries, the did ad hereby authorize my attorneys to insert on this deed the nen known.	s of America and all other countries in and iginal, divisional, continuation, substitute or United States of America and all other count atents for said invention claiming priority or bit d including all claims for damages by reason own use and the use of its successors, assig- rity or benefit and the Commissioner of Pate onts on said improvements or resulting there erein; and the undersigned for me and m t without further remuneration, to execute and ins for Letters Patent on said improvements loate to said assignee or its representatives - ver requested, to testify in any interferences is asylence, its successors, assigns and nomi- te expenses incident to said applications to b filing date and application number of said app date and application number of said app	to said reissue rries, for anefit of of past gns and afrom to ny legal d defiver and all all facts or other s, make inees to s bome
ssignee my entire right, title and interest for the United State vention and the aforesaid utility patent application and all or oplications and patents applied for or granted therefor in the L aid Invention, including without limitation all applications and pa- e aforesaid utility application pursuant to any law or treaty, and fringement with the right to sue for and collect the same for its gal representatives, and including the right to claim such prior ademarks is hereby authorized and requested to issue all pat- aid assignee herein, as assignee of the entire interest the presentatives, heirs and assigns do hereby agree and commun- ionginal, divisional, continuation, reissue and other applications isginments thereof to said assignee or its assigns, to commu- nown to the undersigned respecting said improvements, where gal proceedings in which any of said applications or patents m i rightful oaths, and to do generally everything necessary to all obtain patent protection for said Improvements in all countries, the diaid by said assignee. and I do hereby authorize my attorneys to insert on this deed the nen known.	s of America and all other countries in and iginal, divisional, continuation, substitute or United States of America and all other count atents for said invention claiming priority or bid d including all claims for damages by reason own use and the use of its successors, assig- rity or banefit and the Commissioner of Pate ants on said improvements or resulting there erein; and the undersigned for me and m t without further remuneration, to execute and ins for Letters Patent on said improvements loate to said assignee or its representatives , ver requested, to testify in any interferences to assignee, its successors, assigns and nomi- ne expenses incident to said applications to b	to said reissue rries, for anefit of of past gns and afrom to ny legal d defiver and all all facts or other s, make inees to s bome
ssignee my entire right, title and interest for the United State vention and the aforesaid utility patent application and all or oplications and patents applied for or granted therefor in the L aid Invention, including without limitation all applications and pa- e aforesaid utility application pursuant to any law or treaty, and fringement with the right to sue for and collect the same for its gal representatives, and including the right to claim such prior ademarks is hereby authorized and requested to issue all pat- aid assignee herein, as assignee of the entire interest the presentatives, heirs and assigns do hereby agree and commun- ionginal, divisional, continuation, reissue and other applications isginments thereof to said assignee or its assigns, to commu- nown to the undersigned respecting said improvements, where gal proceedings in which any of said applications or patents m i rightful oaths, and to do generally everything necessary to all obtain patent protection for said Improvements in all countries, the diaid by said assignee. and I do hereby authorize my attorneys to insert on this deed the nen known.	s of America and all other countries in and iginal, divisional, continuation, substitute or United States of America and all other count atents for said invention claiming priority or bit d including all claims for damages by reason own use and the use of its successors, assig- rity or benefit and the Commissioner of Pate onts on said improvements or resulting there erein; and the undersigned for me and m t without further remuneration, to execute and ins for Letters Patent on said improvements loate to said assignee or its representatives - ver requested, to testify in any interferences is asylence, its successors, assigns and nomi- te expenses incident to said applications to b filing date and application number of said app date and application number of said app	to said reissue rries, for anefit of of past gns and afrom to ny legal d defiver and all all facts or other s, make inees to s bome
ssignee my entire right, title and interest for the United State vention and the aforesaid utility patent application and all or oplications and patents applied for or granted therefor in the U aid Invention, including without limitation all applications and pa- e aforesaid utility application pursuant to any law or treaty, and fingement with the right to sue for and collect the same for its gal representatives, and including the right to claim such prior rademarks is hereby authorized and requested to issue all pat- tid assignee herein, as assignee of the entire interest the presentatives, heirs and assigns do hereby agree and covenan I original, divisional, continuation, reissue and other applications resignments thereof to said assignee or its assigns, to commun- nown to the undersigned respecting said improvements, where gal proceedings in which any of said applications or patents m I rightful oaths, and to do generally everything necessary to all obtain patent protection for said Improvements in all countries, the dipaid by said assignee. Ind I do hereby authorize my attorneys to insert on this deed the nen known. 26(10, 2012)	s of America and all other countries in and iginal, divisional, continuation, substitute or United States of America and all other count atents for said invention claiming priority or bit d including all claims for damages by reason own use and the use of its successors, assig- rity or benefit and the Commissioner of Pate onts on said improvements or resulting there erein; and the undersigned for me and m t without further remuneration, to execute and ins for Letters Patent on said improvements loate to said assignee or its representatives - ver requested, to testify in any interferences is asylence, its successors, assigns and nomi- te expenses incident to said applications to b filing date and application number of said app date and application number of said app	to said reissue rries, for anefit of of past gns and afrom to ny legal d defiver and all all facts or other s, make inees to s bome

PATENT REEL: 029342 FRAME: 0118 .

·.

	Docket Number (Optional) AIRBUS 3.0-467
Whereas, I, Valentin Richter-Trummer	of
Rua de Sistelo 144; 4425-407 Ermesinde; PORTUGA	
hereafter referred to as assignor, have with others invented co JOINING APPARATUS FOR JOINING STRUCTUR	
X for which an application for a United States Letters P	atent was filed on
Application Number <u>13/633,965</u> for which an application for a United States Letters Pa	tent was executed by me on
for which an International Application was filed or	n, as
, designating the Unit	ed States.
And	
Whereas, Airbus Operations GmbH	
a corporation of <u>Germany</u> herein referred to as "assignee" wh	ose mailing address is
<u>Kreetslag 10; 21129 Hamburg; GERMANY</u> is desirous of acquiring the entire right, title and interest in the	
is upshous of acquiring the chart right, and that interest in the	ual bas * * 1 Yar y
Trademarks is hereby authorized and requested to issue all said assignee herein, as assignee of the entire interest representatives, heirs and assigns do hereby agree and cover all original, divisional, continuation, reissue and other applic assignments thereof to said assignee or its assigns, to comm known to the undersigned respecting said improvements, whe legal proceedings in which any of said applications or patents all rightful oaths, and to do generally everything necessary to obtain patent protection for said improvements in all countries and paid by said assignee.	therein; and the undersigned for me and my lean nant without further remuneration, to execute and dalin ations for Letters Patent on said improvements and nunicate to said assignee or its representatives all far enever requested, to testify in any interferences or oth s may become involved, to sign all lawful papers, ma a ald assignee, its successors, assigns and nominees
	the filing date and application number of said application
when known.	-
when known. $\underline{26.10.2012}$	the filing date and application number of said application
when known.	
when known. $\underline{26.10.2012}$	lot cichton I
when known. <u>Z6. 10. 20 12</u> Date <u>Rubulla</u> Witness	lot cichton I