Form PTO-1595 (Rev. 09/ 04) OMB No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office	
RECORDATION FOR	M COVER SHEET	
PATENTS ONLY		
To the Director of the U.S. Patent and Trademark Office: Please	record the attached documents or the new address(es) below.	
1. Name of conveying party(les)/Execution Date(s):	2. Name and address of receiving party(les)	
UWE SCHNEIDER (12/14/2010), QUIRÍN WAHLE (02/11/2011), SIMON KNAAK (12/15/2010), AND THOMAS VOGT (12/14/2010)	Name: AIRBUS OPERATIONS GMBH	
	Internal Address:	
Execution Date(s): In parentheses after inventor name Additional name(s) of conveying party(les) attached? Yes X No	Street Address:	
3. Nature of Conveyance:	KREETSLAG 10	
X Assignment Merger		
Security Agreement Change of Name	city: HAMBURG	
Government Interest Assignment	State:	
Executive Order 9424, Confirmatory License	Country: Germany Zip: 21129	
Other	Additional name(s) & address(es) Yes X No	
otner	attached:	
A. Patent Application No.(6) 12/997,012	B. Patent No.(s)	
Additional numbers attached	Yes X No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Michael H. Teschner LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
Internal Address: Alty. Dkt.; AIRBUS 3.3-291	Authorized to be charged by credit card	
Streel Address: 600 South Avenue West	Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)	
Clty: Westfield	8. Payment information	
State: NJ Zip: 07090	a. Credit Card Last 4 Numbers	
Phone Number: (908) 518-6313	Expiration Date	
Fax Number: (908) 654-0415 Email Address: mteschner@ldlkm.com	b. Deposit Account Number 12-1095 Authorized User Name Michael H. Teschner	
	- terrement were retired in a resolution	
9. Signature:		
Signature	March 9, 2011	
Michael H. Teschner - 32,862	Total number of pages including cover 5	
Name of Person Signing	sheet, attachments, and documents:	

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PATENT REEL: 025951 FRAME: 0725

Docket Number (Optional)			
ASSIGNMENT OF UTILITY APPLICATION AIRBUS 3.3-291			
	of		
Whereas, I, Uwe Schneider			
Könlgreicher Str. 122, 21635 Jork Könlgreich, GERMANY			
hereafter referred to as assignor, have with others invented certain new and useful improvements in			
AUTONOMOUS O2 CHANNEL EXTENDING IN THE LONGITUDINAL DIRECTION	, designed		
x for which an application for a United States Letters Patent was filed on			
Application Number 12/997,012			
for which an application for a United States Letters Patent was executed by me on			
x for which an International Application was filled on <u>June 12, 2009</u> , as			
PCT/EP2009/057279 , designating the United States. And			
Whereas, Airbus Operations GmbH			
a corporation of <u>Germany</u> herein referred to as "assignee" whose mailing address is Kreetsiag 10, 21129 Hamburg, GERMANY			
is desirous of acquiring the entire right, title and interest in the same;			
is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesald utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesald utility application pursuant to any law or treaty, and including all claims for damages by reason of peat infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.			
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.			
14.12. 2010 Cuffe			
Date / Uwe Schneider			
Withess			
Marcus Gehm			
Typed Name of Witness			
Total of 4 forms are submitted			

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	former PYQVSB/15 (8-00) Mod Rind LDLKOV		
ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional)		
ASSIGNMENT OF BILLITY AFFEIGATION	AIRBUS 3.3-291		
Whereas, I, Quirin Wahle	of		
Hirschbergstr, 20c, 80634 München, GERMANY			
hereafter referred to as assignor, have with others invented cert	ain new and useful improvements in		
AUTONOMOUS O2 CHANNEL EXTENDING IN THE	LONGITUDINAL DIRECTION		
X for which an application for a United States Letters Pate	ent was filed on December 9, 2010		
Application Number 12/997,012			
for which an application for a United States Letters Pater	nt was executed by me on,		
x for which an international Application was filed on	June 12, 2009 , es		
PCT/EP2009/057279 , designating the United	States.		
Whereas, Airbus Operations GmbH			
a corporation of Germany herein referred to as "assignee" whose	e mailing eddress is		
Kreeteleg 10, 21129 Hamburg, GERMANY			
le desirous of acquiring the entire right, title and interest in the a			
NOW, THEREFORE, in consideration of the sum of gne dollar (\$ 1.00), the receipt whereof is ecknowledged, and other good and valuable consideration, I as assignor hereby sell, assign end set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or release applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of peat intringement with the dight to saie for gnd collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assignee or the assignments thereof to said assignee or its assignments thereof to said assignee or line assignments may become involved, to significations and interest known to the undersigned respecting said improvements, whenever requested, to tastify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to significations to be onte and paid by said assignee. And if do hareby authorize my attorneys to i			
when known.	$\triangle \cup \cup \bigcirc$		
11.02.11	(y.C)alce		
Date	Quirin Wahle		
Miness Loura Afonso García Typed Name of Witness			
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PATENT

REEL: 025951 FRAME: 0727

	former PTO/SBY16 (8-00) Mgadiles LULKane		
	Docket Number (Optional)		
ASSIGNMENT OF UTILITY APPLICATION	AIRBUS 3.3-291		
	, , , , , , , , , , , , , , , , , , ,		
Whereas, I, Simon Knaak	of		
Pamirweg 2b, 21129 Hamburg, GERMANY			
hereafter referred to as assignor, have with others invented certain new and useful improvements in			
AUTONOMOUS O₂ CHANNEL EXTENDING IN THE LONGITUDINAL DIRECTION			
x for which an application for a United States Letters Patent was filed on December 9, 2010			
Application Number 12/997,012			
for which an application for a United States Letters Patent was executed by me on			
x for which an International Application was filed on, as			
PCT/EP2009/057279 designating the United States.			
And			
Whereas, Alrbus Operations GmbH			
a corporation of Germany herein referred to as "assignee" whose	se mailing address is		
Kreetslag 10, 21129 Hamburg, GERMANY Is desirous of acquiring the entire right, title and interest in the s	nmo'		
is desirous of acquiring the endre ngint, vite and interest in the s			
NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for demages by reason of past infringement with the right to see for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademerks is hereby authorized and requested to issue alli patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses in			
And I do hereby authorize my attorneys to insert on this deed the when known.	ne filing date and application number of said application		
15-Dec - 2010	5		
/) Date	Simon Knaak		
Witness Carsten Veurnann Typed Name of Witness			

x *Total of 4 forms are submitted.

UD-515\

Whereas, I. Thomas Vogt		· · · · · · · · · · · · · · · · · · ·	Docket Number (Optional)
Franzesenkopoel 27b. 22547 Hamburg, GERMANY hereafter referred to as assignor, have with others invented certain new and useful improvements in AUTONOMOUS O ₂ CHANNEL EXTENDING IN THE LONGITUDINAL DIRECTION X for which an application for a United States Letters Patent was filled on December 9, 2010 Application Number 12/997,012 for which an application for bright of the United States Letters Patent was executed by me on X for which an international Application was filled on June 12, 2009 And Wheress, Airbus Operations GmbH a corporation of Germany herein referred to as 'assigneer' whose mailing address is Kreetsiag 10, 21129 Hamburg, GERMANY is desitrous of acquiring the entire right, title and interest in the same; NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hareby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and ell other countries in end to said invention, including without timitation and all original, divisionel, continuation, substitute or release applications and patents for said invention claiming priority benefit of the storessaid utility application pursuant to any law or treaty, and including all claims for damages by reason of patents for the storessaid utility application pursuant to any law or treaty, and including all claims for damages by reason of patents for the storessaid utility application pursuant to any law or treaty, and including all claims for damages by reason of patents for the storessaid utility application pursuant to any law or treaty, and including all claims for damages by reason of patents for the storessaid utility application on patents for its own use and the use of its successors, assigns and legal representatives, hears and assigned to hereby agree and covernant without further remuneration, to execute all original, divisional, continuation, relieves and other applications for Le	ASSIGN	IMENT OF UTILITY APPLICATION	· · ·
hereafter referred to as assignor, have with others invented certain new and useful improvements in AUTONOMOUS Q, CHANNEL EXTENDING IN THE LONGITUDINAL DIRECTION If or which an application for a United States Letters Patent was filled on		The state of the s	of
AUTONOMOUS 02 CHANNEL EXTENDING IN THE LONGITUDINAL DIRECTION X for which an application for a United States Letters Patent was filed on December 9, 2010	+		
Application Number 12/997,012 for which an application for a United States Letters Patent was filed on December 9, 2010 Application Number 12/997,012 for which an application for a United States Letters Patent was executed by me on for which an international Application was filed on June 12, 2009 as PCT/EP2009/057279 designating the United States. And Whereas Airbus Operations GmbH a corporation of Sermany herein referred to as "assignee" whose mailing address is Kreetsiag 10, 21129 Hamburg, GERMANY is desirous of acquiring the entire right, title and interest in the same; NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00 assignee my entire right, title and interest for the United States of America and all other countries in end to said invention and the aforesaid utility patent application and all original, divisionel, continuation, substitute or reissue applications and patents for said invention and the office of company to the said invention and the side of said utility patent application and all original, divisionel, continuation, substitute or reissue applications on, including without limitation all applications and patents for said invention admitted the said assignment with the right to sue for and collect the same for its own use and the use of its successor, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to all assignments thereof to said assignee for the entire interest therein; and the undersigned for resulting therefrom and assignse herein, as assignee of the entire interest therein; and the undersigned for resulting therefrom to said original, divisional, continuation, release and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all fracts through the proceedings i			
Application Number 12/997,012 for which an application for a United States Letters Patent was executed by me on 1 for which an International Application was filed on 1 June 12, 2009 , as 1 PCT/EP2009/057279 , designating the United States. And Whereas, Airbus Operations GmbH a corporation of Germany herein referred to as "assignee" whose mailing address is Kreetsiag 10, 21129 Hamburg, GERMANY is desirous of acquiring the entire right, title and interest in the same; NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assigner hereby sell, assign and set over to said satignee where which is an interest for the United States of America and all other countries in and to estil Invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents and patents applied for or granted therefor in the United States of America and all countries, for said invention including without limitation all applications and patents and patents application pursuant to any law or treatly, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and legal representatives, hairs and sasignee of the entire interest therein; and the undersigned for me and my legal representatives, hairs and assignee of the entire interest therein; and the undersigned for me and my legal representatives, hairs and assignee of the entire interest therein; and the undersigned for me and my legal representatives, hairs and assignee of the entire interest therein; and the undersigned for me and my legal representatives, hairs and assignee of the entire interest therein; and the undersigned for me and my legal representatives, hairs and casely assignees. In	American contraction contracti		
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PCT/EP2009/057279 , designating the United States. And Whereas, Airbus Operations GmbH a corporation of Germany herein referred to as "assignee" whose mailing address is Kreetsiag 10, 21129 Hamburg, GERMANY is desirous of acquiring the entire right, title and interest in the same; NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and ell other countries in and to said invention, including without limitation all applications and patents applications and patents application and all original, divisional, continuation, substitute or reissue applications, including without limitation all applications and patents for said invention calming priority or benefit of the sforesaid utility application pursuant to any lew or treaty, and including all claims for damages by reason of past infiningement with the right to sue for and collect the same for its own use of its successors, assigns and treater entires in an including the right to claims such priority or benefit and the Commissioner of Petents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and coverant without further remuneration, to execute and deliver all original, divisional, continuation, nelsue and other applications for Latters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make	for w	which an application for a United States Letters Pater	nt was executed by me on,
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Whereas, Airbus Operations GmbH a corporation of Germany, herein referred to as "assignee" whose mailing address is Kreetsiag 10, 21129 Hamburg, GERMANY Is desirous of acquiring the entire right, title and interest in the same; NOW, THEREFORE, in consideration of the sum of gne dollar (\$ 1,00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and ell other countries in and to said invention and the aforesaid utility patient application and all original, divisional, continuation, substitute or reissue applications and patents sapplied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the storesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to Issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee to the entire interest therein; and the undersigned for me and my legal engresentatives, helrs and assignee of hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, relessue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives ell facts known to the undersigned respectage and improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications for Letters Patent or said app		T/EP2009/057279 , designating the United	States.
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NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and ell other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assignee do hereby agree and covernant without further remuneration, to execute and deliver all original, divisional, continuation, relesue and other applications for Letters Patent on said improvements and all sessignees in the continuation, relesue and other applications for Letters Patent on said improvements and all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to all assignee. Its auccessors, assigns and nominees to obtain patent protection fo			THE
Is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applications and patents application presented therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commiscioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to ald assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said application number of said application. And I do	is desilous vi	t acclusing the esimo right, and and interest at me or	ano,
Date Thomas Vogt Witness Harcus Gelym Typed Name of Witness	Is acknowled assignee my invention and applications and applications and infringement legal representative all original, designments known to the legal proceed all rightful oa obtain patent and paid by seminary and paid by seminary inventions.	gad, and other good and valuable consideration, a entire right, title and interest for the United State of the aforesaid utility patent application and all of and patents applied for or granted therefor in the n, including without limitation all applications and plate it utility application pursuant to any law or treaty, a with the right to sue for and collect the same for it entatives, and including the right to calm such pries hereby authorized and requested to issue all particles, heirs and assignee of the entire interest thereof it is assignee of the entire interest thereof to said assignee or its assigns, to communication, relesse and other applicational, continuation, relesse and other applications in which any of said applications or patents, when the said applications or patents, when the said applications or patents, and to do generally everything necessary to a protection for said improvements in all countries, said assignee.	I as assignor hereby sell, assign and set over to said es of America and all other countries in and to said original, divisional, continuation, substitute or reissue. United States of America and all other countries, for patents for said invention claiming priority or benefit of and including all claims for damages by reason of past is own use and the use of its successors, assigns and ority or benefit and the Commissioner of Patents and ority or benefit and the Commissioner of Patents and ority or benefit and the Commissioner of Patents and ority or benefit and the undersigned for me and my legal int without further remuneration, to execute and deliver lons for Letters Patent on said improvements and all inlicate to said assignee or its representatives all facts ever requested, to testify in any interferences or other may become involved, to sign all lawful papers, make all assignee, its successors, assigns and nominees to the expenses incident to said applications to be borne
Witness Hurcus Gehm Typed Name of Witness			<u> </u>
Witness Marcus Gehm Typed Name of Witness	1	14.12.2010	Pronos 4
Typed Name of Witness		Date	Thomas Vogt
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Typed Name of Witness		Witness	
	Murcus Gehm		
*Total of 4 forms are submitted	_	Typed Name of Witness	
	(v) *Teta	al of A forms are submitted	

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RECORDED: 03/09/2011

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