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1. Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(les)
ULRICH EBERTH (04/17/2008) AND MARTIN FRIEDRICH (04/24/2008)	
MARTIN (R)(D)(C)1 (04/24/2008)	
	Name: AIRBUS DEUTSCHLAND GMBH
	Internal Address:
Execution Date(s): in parentheses after inventor name	Street Address:
Additional name(s) of conveying party(les) attached?	
3. Nature of Conveyance:	KREETSLAG 10
X Assignment Merger	
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Executive Order 9424, Confirmatory License	
	Additional name(s) & address(es) X Yes No attached:
4. Application or patent number(s):	This document is being filed logelher with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
13/152,496	
Additional numbers attached?	Yes X No
5. Name and address to whom correspondence concerning document should be malled:	6. Total number of applications and 1 patents involved:
Name: Scott E. Charney	
LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	
	7 Total fee (37 CER 1 21(b) & 3.41) \$ 40.00
	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
Internal Address; Atty, Dkt.:	
Internal Address: Atty. Dkt.:	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
Internal Address: Atty. Dkt.: Street Address: 600 South Avenue West	Authorized to be charged by credit card
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	Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed
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Street Address: 600 South Avenue West	Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)
Street Address: 600 South Avenue West City:	Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Cerd Last 4 Numbers Expiration Date
Street Address: 600 South Avenue West City:	Authorized to be charged by credil card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers
Street Address: 600 South Avenue West City: Westfield State: NJ Zip: 07090 Phone Number: (908) 518-6336 Fax Number: (908) 654-0415 Email Address: scharney@ldlkm.com	Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Cerd Last 4 Numbers Expiration Date
Street Address: 600 South Avenue West City:	Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date D. Deposit Account Number 12-1095
Street Address: 600 South Avenue West City: Westfield State: NJ Zip: 07090 Phone Number: (908) 518-6336 Fax Number: (908) 654-0415 Email Address: scharney@ldlkm.com 9. Signature: Sum Comment	Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information Expiration Date a. Credit Card Last 4 Numbers Expiration Date 12-1095 Authorized User Name Scott E. Charney
Street Address: 600 South Avenue West City: Westfield State: NJ Zlp: 07090 Phone Number: (908) 518-6336 Fax Number: (908) 654-0415 Email Address: scharney@ldlkm.com 9. Signature:	Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 12-1095 Authorized User Name Scott E. Charney

Form PTO-1595		REC	ORDATION F	orm cover sh tinued)	EET		
Additional	Conveying	Party(ies)/Ex					***************************************
Additional	Assignees	2. Continued	ל):	*****			
Assignee Name Internal Address		Zentrum für Li	uft- und Ra	umfahrt e.V. (l	DLR)		
Street Address:	Linder Hö	he					
City:	Köln	State:		Country:	Germany	Zip:	51147
Assignee Name:					.		
Internal Address Street Address;	e.						
City:		State:	·····	Country:		Zip:	
Assignee Name:							
Street Address:							
City:		_ State:		Country:	••••	Žip:	
Additional A	Applications	and/or Pate	nts (4. Cc	ntinued):			
Additional Patent 4A. Continued:	Application Num	bers		Additional Paten 4B. Continued:	t Numbers		
		Additional numb	ers atlached?	Ye	s No		

Docket No.:

PATENT REEL: 026402 FRAME: 0070 .

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ASSIGNMENT OF LITH ITY	femer PTD/SB/15 (8-00) Medited LOLK Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	AIRBUS 3.3-263
Whereas, I, Ulrich Eberth	of
Bürgermeister-Schäferling-Str. 5, 86609 Donauwörth; GE	
hereafter referred to as assignor, have with others invented certai	in new and useful improvements in
TOOL, ARRANGEMENT, AND METHOD FOR MANUFACTI	JRING A COMPONENT, COMPONENT
for which an application for a United States Letters Pater Application Number	
for which an application for a United States Letters Patent	was executed by me on
$[\mathbf{x}]$ for which an International Application was filed on _	November 9, 2006 , as
PCT/EP2006/010763, designating the United S	States.
Whereas, Airbus Deutschland GmbH	
a corporation of <u>Germany</u> herein referred to as "assignee" whose <u>Kreetslag 10; 21129 Hamburg: GERMANY</u>	mailing address is
and	D)
a corporation of <u>Germany</u> herein referred to as "assignee" whose	mailing address is
Linder Höhe: 51147 Köln; GERMANY s desirous of acquiring the entire right, title and interest in the same	
neigene mit and other good and valuable consideration, I a	C DODIARAS American Million 1
nvention and the aforesaid utility patent application and all originations and patents applied for or granted therefor in the Ulaid invention, including without limitation all applications and patents applied for or granted therefor in the Ulaid invention, including without limitation all applications and patents applied for or granted therefor in the Ulaid invention, including without limitation all applications and patents applied for or granted therefor in the Ulaid invention, including without limitation all applications and patents applied for or granted therefore in the Ulaid invention, including without limitation all applications and patents and patents applied for or granted therefore in the Ulaid invention, including without limitation all applications and patents is a applied to sue for and collect the same for its care and representatives, heirs and assigns do hereby agree and covenant is appresentatives, heirs and assignee or its assigns, to communic hown to the undersigned respecting said improvements, whenever gal proceedings in which any of said applications or patents mail rightful oaths, and to do generally everything necessary to aid obtain patent protection for said improvements in all countries, the ind paid by said assignee.	is assignor hereby sell, assign and set over to said glnal, divisional, continuation, substitute or reissue inited States of America and all other countries, for ants for said invention claiming priority or benefit of including all claims for damages by reason of past own use and the use of its successors, assigns and by or benefit and the Commissioner of Patents and nts on said improvements or resulting therefrom to rein; and the undersigned for me and my legal without further remuneration, to execute and deliver as for Letters Patent on said improvements and all sate to said assignee or its representatives all facts ar requested, to testify in any interferences or other y become involved, to sign all lawful papers, make assignee, its successors, assigns and nominees to expenses incident to said applications to be borne
nvention and the aforesaid utility patent application and states applications and patents applied for or granted therefor in the U aid invention, including without limitation all applications and patents applications and patents applied for or granted therefor in the U aid invention, including without limitation all applications and patents are aforesaid utility application pursuant to any law or treaty, and iffingement with the right to sue for and collect the same for its of egal representatives, and including the right to claim such priorit rademarks is hereby authorized and requested to issue all pate aid assignee herein, as assignee of the entire interest their apresentatives, heirs and assigns do hereby agree and covenant il original, divisional, continuation, relissue and other application ssignments thereof to said assignee or its assigns, to communic nown to the undersigned respecting said improvements, whenever gal proceedings in which any of said applications or patents ma i rightful oaths, and to do generally everything necessary to aid otain patent protection for said increases in a countries the	is assignor hereby sell, assign and set over to said glnal, divisional, continuation, substitute or reissue inited States of America and all other countries, for ants for said invention claiming priority or benefit of including all claims for damages by reason of past own use and the use of its successors, assigns and by or benefit and the Commissioner of Patents and nts on said improvements or resulting therefrom to rein; and the undersigned for me and my legal without further remuneration, to execute and deliver as for Letters Patent on said improvements and all sate to said assignee or its representatives all facts ar requested, to testify in any interferences or other y become involved, to sign all lawful papers, make assignee, its successors, assigns and nominees to expenses incident to said applications to be borne
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Indepted in the aforesaid utility patent application and states appendix in the difference of the original difference of the original difference of the original difference of the aforesaid utility application pursuant to any law or treaty, and infringement with the right to sue for and collect the same for its origin representatives, and including the right to claim such priorit rademarks is hereby authorized and requested to issue all pate aid assignee herein, as assignee of the entire interest there appresentatives, heirs and assigns do hereby agree and covenant ill original, divisional, continuation, reissue and other applications or patents may apprecending in which any of said applications or patents may all proceedings in which any of said applications or patents may all rightful oaths, and to do generally everything necessary to aid obtain patent protection for said improvements in all countries, the here here with the respective of the said assignee.	is assignor hereby sell, assign and set over to said of America and all other countries In and to said glnal, divisional, continuation, substitute or reissue nited States of America and all other countries, for ants for said invention claiming priority or benefit of including all claims for damages by reason of past yown use and the use of its successors, assigns and the use of its successors, assigns and the on said improvements or resulting therefrom to rein; and the undersigned for me and my legal without further remuneration, to execute and deliver is for Letters Patent on said improvements and all are to said assignee or its representatives all facts ar requested, to testify in any interferences or other y become involved, to sign all lawful papers, make assignee, its successors, assigns and nominees to expenses incident to said applications to be bome

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PATENT REEL: 026402 FRAME: 0071

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·	Tormer PTO/S0/16 (8-00) Modified I Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	AIRBUS 3.3-263
Whereas, I,Martin Friedrich	
Am Kuckucksberg 20: 31177 Harsum; GERMANY	······································
hereafter referred to as assignor, have with others invented certain	new and useful improvements in
TOOL, ARRANGEMENT, AND METHOD FOR MANUFACTU	
for which an application for a United States Letters Paters	, , , , , , , , , , , , , , , , , , , ,
Application Number	
for which an application for a United States Letters Patent	uss avecuted by me on
	-
x for which an International Application was filed on _	
PC1/EP2006/010763 , designating the United S	tates.
And	
Whereas, <u>Airbus Deutschland GmbH</u>	· · · · · · · · · · · · · · · · · · ·
a corporation of <u>Germany</u> herein referred to as "assignee" whose a	nailing address is
Kreetslag 10; 21129 Hamburg; GERMANY and Deutsches Zentrum für Luft- und Raumfahrt e.V. (DLI	
a corporation of <u>Germany</u> herein referred to as "assignee" whose r	nalling address le
Linder Höhe; 51147 Köln; GERMANY	room graded coor to
s desirous of acquiring the entire right, title and Interest in the sam NOW, THEREFORE, in consideration of the sum of <u>one</u> do	e;
nosigness my entire ngni, tille and interest for the United States	inal divisional continuation substitute or reis
Issigned my entire ngnt, tute and interest for the United States invention and the aforesaid utility patent application and all original (pplications and patents applied for or granted therefor in the Ur- raid invention, including without limitation all applications and pate- the aforesaid utility application pursuant to any law or treaty, and infingement with the right to sue for and collect the same for its or- agal representatives, and including the right to claim such priority rademarks is hereby authorized and requested to issue all pater- aid assignee herein, as assignee of the entire interest ther appresentatives, heirs and assigns do hereby agree and covenant mi- paper sentatives, heirs and assignee or its assigns, to communic nown to the undersigned respecting said improvements, whenever agal proceedings in which any of said applications or patents ma- il rightful oaths, and to do generally everything necessary to ald a brain patent protection for said improvements in all countries, the and paid by said assignee. Ind I do hereby authorize my attorneys to insert on this deed the fil- hen known. <u>24.04.2008</u>	of America and all other countries in and to Inal, divisional, continuation, substitute or reis inited States of America and all other countries ants for said invention claiming priority or benefi- including all claims for damages by reason of j wn use and the use of its successors, assigns y or benefit and the Commissioner of Patents ints on said improvements or resulting therefror- ein; and the undersigned for me and my la without further remuneration, to execute and dei ate to said assignee or its representatives all fi- er requested, to testify in any interferences or o y become involved, to sign all lawful papers, m assignee, its successors, assigns and nominee expenses incident to said applications to be bo
Issigned my entire ngnt, tute and interest for the United States nvention and the aforesaid utility patent application and all original isplications and patents applied for or granted therefor in the Ur- raid invention, including without limitation all applications and pate- the aforesaid utility application pursuant to any law or treaty, and infingement with the right to sue for and collect the same for its or- agal representatives, and including the right to claim such priority rademarks is hereby authorized and requested to issue all pater- aid assignee herein, as assignee of the entire interest ther appresentatives, heirs and assigns do hereby agree and covenant mil- il original, divisional, continuation, reissue and other applications ssignments thereof to said assignee or its assigns, to communic nown to the undersigned respecting said improvements, whenever agal proceedings in which any of said applications or patents ma- il rightful oaths, and to do generally everything necessary to ald a bit patent protection for said improvements in all countries, the nor paid by said assignee. Ind I do hereby authorize my attorneys to insert on this deed the fil- hen known.	of America and all other countries in and to Inal, divisional, continuation, substitute or reis nited States of America and all other countries ants for said invention claiming priority or benef including all claims for damages by reason of j whose and the use of its successors, assigns y or benefit and the Commissioner of Patents ints on said improvements or resulting therefror ein; and the undersigned for me and my la without further remuneration, to execute and de is for Letters Patent on said improvements and ate to said assignee or its representatives all fi er requested, to testify in any interferences or o y become involved, to sign all lawful papers, m assignee, its successors, assigns and nominee expanses incident to said applications to be bo
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Itelegines my entire ngnt, tute and interest for the United States invention and the aforesaid utility patent application and all original invention, including without limitation all applications and patents applied for or granted therefor in the United States in a foresaid utility application pursuant to any law or treaty, and infingement with the right to sue for and collect the same for its or agai representatives, and including the right to claim such prioriting rademarks is hereby authorized and requested to issue all pateraid assignee herein, as assignee of the entire interest there appresentatives, heirs and assigns do hereby agree and covenant is signments thereof to said assignee or its assigns, to communic nown to the undersigned respecting said improvements, whenever agai proceedings in which any of said applications or patents mail rightful oaths, and to do generally everything necessary to ald a babain patent protection for said improvements. In all countries, the ind pald by said assignee. Ind I do hereby authorize my attorneys to insert on this deed the filteen known. <u>24.04.2008</u> <u>MARKSIM PODKORYTOV</u> Witness <u>MAKSIM PODKORYTOV</u> Witness	of America and all other countries in and to Inal, divisional, continuation, substitute or reis inited States of America and all other countries ants for said invention claiming priority or benefi- including all claims for damages by reason of j wn use and the use of its successors, assigns y or benefit and the Commissioner of Patents ints on said improvements or resulting therefror- ein; and the undersigned for me and my la without further remuneration, to execute and dei ate to said assignee or its representatives all fi- er requested, to testify in any interferences or o y become involved, to sign all lawful papers, m assignee, its successors, assigns and nominee expenses incident to said applications to be bo

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PATENT **REEL: 026402 FRAME: 0072**

RECORDED: 06/06/2011

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