


Form PTO-1595 (Rev. 03-11)
OMB No. 0651-0027 (exp. 03/31/2015)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM 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.

<p>1. Name of conveying party(ies): Georg Lonsdorfer (11/08/2012), Remo Hinz (10/29/2012), Adrian Wachendorf (11/01/2012), Niels Deschauer (11/05/2012), and Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies) Name: <u>Airbus Operations GmbH</u> Internal Address: _____ Street Address: _____ Kreetslag 10 City: <u>Hamburg</u> State: _____ Country: <u>Germany</u> Zip: <u>21129</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance/Execution Date(s): Execution Date(s): <u>in parentheses after inventor name</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____</p>	<p>4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>13/638,141</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Michael H. Teschner</u> <u>LERNER, DAVID, LITTENBERG,</u> <u>KRUMHOLZ & MENTLIK, LLP</u> Internal Address: Atty. Dkt.: <u>AIRBUS 3.3-499</u> Street Address: <u>600 South Avenue West</u> City: <u>Westfield</u> State: <u>NJ</u> Zip: <u>07090</u> Phone Number: <u>908-654-5000</u> Fax Number: <u>908-654-7866</u> Email Address: <u>ataylor@ldlkm.com</u></p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)</p>
<p>9. Signature:  _____ Signature <u>Michael H. Teschner - 32,862</u> Name of Person Signing</p>	<p>8. Payment Information Deposit Account Number <u>12-1095</u> Authorized User Name <u>Michael H. Teschner</u></p> <p>_____ Date <u>November 28, 2012</u> Date</p> <p>Total number of pages including cover sheet, attachments, and documents: 7</p>

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RECORDATION FORM COVER SHEET (PTO-1595) (supplemental sheet)			
Additional Conveying Party(ies)/Execution Date(s) (1. Continued): Adam Andrae (11/05/2012)			
Additional Assignees (2. Continued): Assignee Name: _____ Internal Address: _____ Street Address: _____ City: _____ State: _____ Country: _____ Zip: _____			
Assignee Name: _____ Internal Address: _____ Street Address: _____ City: _____ State: _____ Country: _____ Zip: _____			
Assignee Name: _____ Internal Address: _____ Street Address: _____ City: _____ State: _____ Country: _____ Zip: _____			
Additional Applications and/or Patents (4. Continued): <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border-right: 1px solid black; padding: 5px; vertical-align: top;"> Additional Patent Application Numbers 4A. Continued: </td> <td style="width: 50%; padding: 5px; vertical-align: top;"> Additional Patent Numbers 4B. Continued: </td> </tr> </table> <div style="text-align: right; margin-top: 20px;"> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No </div>		Additional Patent Application Numbers 4A. Continued:	Additional Patent Numbers 4B. Continued:
Additional Patent Application Numbers 4A. Continued:	Additional Patent Numbers 4B. Continued:		



former PTO/SB/15 (6-00) Modified LDLKM

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) AIRBUS 3.8-499 CON
<p>Whereas, I, <u>Georg Lonsdorfer</u> of <u>Am Hohenwedel 20, 21282 Stade, Germany</u></p> <p>hereafter referred to as assignor, have with others invented certain new and useful Improvements in <u>Device And Method For The Production Of Two-Dimensionally Arched Structural Components From A Fiber Composite</u></p> <p><input checked="" type="checkbox"/> for which an application for a United States Letters Patent was filed on <u>September 28, 2012</u> Application Number <u>13/638,141</u></p> <p><input type="checkbox"/> for which an application for a United States Letters Patent was executed by me on _____</p> <p><input checked="" type="checkbox"/> for which an International Application was filed on <u>March 28, 2011</u>, as <u>PCT/EP2011/054720</u>, designating the United States.</p> <p>And</p> <p>Whereas, <u>Airbus Operations GmbH</u> a corporation of <u>Germany</u> herein referred to as "assignee" whose mailing address is <u>Kreetslag 10, 21129 Hamburg, Germany</u> is desirous of acquiring the entire right, title and interest in the same;</p> <p>NOW, THEREFORE, in consideration of the sum of <u>one</u> dollar (\$ <u>1.00</u>), 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 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 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 incident to said applications to be borne and paid by said assignee.</p> <p>And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.</p> <div style="display: flex; justify-content: space-around; align-items: flex-end; margin-top: 20px;"> <div style="text-align: center;"> <p><u>8.11.2012</u></p> <p>Date</p> </div> <div style="text-align: center;">  <p>Georg Lonsdorfer</p> </div> </div> <div style="margin-top: 20px;"> <p><u>Julian Kupsh</u> Witness</p> <p><u>Julian Kupsh</u> Typed Name of Witness</p> </div>	

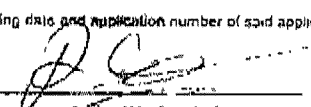

*Total of 5 forms are submitted.

LD-515)

former PTO/SB/15 (8-00) Modified LDLKM



ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) AIRBUS 3.9-499 CON
Whereas, I, <u>Remo Hinz</u> of	
<u>Triftgang 1, 21062 Stade, Germany</u>	
hereafter referred to as assignor, have with others invented certain new and useful improvements in <u>Device And Method For The Production Of Two-Dimensionally Arched Structural Components From A Fiber Composite</u>	
<input checked="" type="checkbox"/> for which an application for a United States Letters Patent was filed on <u>September 28, 2012</u> Application Number <u>13/638,141</u>	
<input type="checkbox"/> for which an application for a United States Letters Patent was executed by me on _____	
<input checked="" type="checkbox"/> for which an International Application was filed on <u>March 28, 2011</u> , as <u>PCT/EP2011/054720</u> , designating the United States.	
And	
Whereas, <u>Airbus Operations GmbH</u>	
a corporation of <u>Germany</u> herein referred to as "assignee" whose mailing address is <u>Kreetslag 10, 21129 Hamburg, Germany</u>	
is desirous of acquiring the entire right, title and interest in the same;	
NOW, THEREFORE, in consideration of the sum of <u>one</u> dollar (\$ <u>1.00</u>), 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 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 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 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.	
<u>29. 10. 2012</u> Date	 Remo Hinz
 Witness	
<u>Claus Fastert</u> Typed Name of Witness	
<input checked="" type="checkbox"/> Total of <u>5</u> forms are submitted.	

LD-515\

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) AIRBUS 3 9-499 CON
Whereas, I, <u>Adrian Wechendorf</u> of <u>Mundsburger Damm 18, 22087 Hamburg, Germany</u> hereafter referred to as assignor, have with others invented certain new and useful improvements in <u>Device And Method For The Production Of Two-Dimensionally Arched Structural Components From A Fiber Composite</u>	
<input checked="" type="checkbox"/> for which an application for a United States Letters Patent was filed on <u>September 28, 2012</u> Application Number <u>13/038,141</u>	
<input type="checkbox"/> for which an application for a United States Letters Patent was executed by me on _____	
<input checked="" type="checkbox"/> for which an International Application was filed on <u>March 28, 2011</u> , designating the United States <u>PCT/EP2011/05472B</u>	
And Whereas, <u>Airbus Operations GmbH</u> a corporation of <u>Germany</u> herein referred to as "assignee" whose mailing address is <u>Kreiselag 10, 21129 Hamburg, Germany</u> is desirous of acquiring the entire right, title and interest in the same.	
<p><small>NOW, THEREFORE, in consideration of the sum of <u>one</u> dollar (\$ <u>1.00</u>), 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, substitution or residue 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 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, residue 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 invited 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 incident to said applications to be borne and paid by said assignee</small></p>	
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known	
<u>01/11/12</u> Date	 Adrian Wechendorf
 Witness	
_____ Typed Name of Witness	

*Total of 5 forms are submitted.

former PTO/SS/16 (8-00) Modified LDLKAM

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) AIRBUS 3.9-499 CON
<p>Whereas, I, <u>Niels Deschauer</u> of <u>Jakob Grotzer Str. 6, 88677 Markdorf, Germany Peter-Thum-Str. 14, 79100 Freiburg</u></p> <p>hereafter referred to as assignor, have with others invented certain new and useful improvements in <u>Device And Method For The Production Of Two-Dimensionally Arched Structural Components From A Fiber Composite</u></p> <p><input checked="" type="checkbox"/> for which an application for a United States Letters Patent was filed on <u>September 28, 2012</u> Application Number <u>13/638,141</u></p> <p><input type="checkbox"/> for which an application for a United States Letters Patent was executed by me on _____</p> <p><input checked="" type="checkbox"/> for which an International Application was filed on <u>March 28, 2011</u>, as <u>PCT/EP2011/054720</u>, designating the United States.</p>	
<p>And</p> <p>Whereas, <u>Airbus Operations GmbH</u> a corporation of <u>Germany</u> herein referred to as "assignee" whose mailing address is <u>Kreetslag 10, 21129 Hamburg, Germany</u></p> <p>is desirous of acquiring the entire right, title and interest in the same;</p>	
<p>NOW, THEREFORE, in consideration of the sum of <u>one</u> dollar (\$ <u>1.00</u>), 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 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 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 incident to said applications to be borne and paid by said assignee.</p>	
<p>And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.</p>	
<p><u>05.11.2012</u> Date</p>	<p> Niels Deschauer</p>
<p> Witness <u>Jonas Velten</u> Typed Name of Witness</p>	
<p><input checked="" type="checkbox"/> *Total of <u>5</u> forms are submitted.</p>	

LD-515\

former PTO/SB/15 (8-00) Modified LDLKAM

ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)
AIRBUS 3.9-499 CON

Whereas, I, Adam Andrä of ~~Hessenweg 9, 08090 Immenstedt, Germany~~ Binzengrün 2, 79114 Freiburg hereafter referred to as assignor, have with others invented certain new and useful improvements in Device And Method For The Production Of Two-Dimensionally Arched Structural Components From A Fiber Composite

- for which an application for a United States Letters Patent was filed on September 28, 2012 Application Number 13/638,141
- for which an application for a United States Letters Patent was executed by me on _____
- for which an International Application was filed on March 28, 2011 as PCT/EP2011/054720, designating the United States.

And

Whereas, Airbus Operations GmbH a corporation of Germany herein referred to as "assignee" whose mailing address is Kreetslag 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 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 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 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 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.

05.11.2012
Date

[Signature]
Adam Andrä

[Signature]
Witness

Niels Deschauer
Typed Name of Witness

*Total of 5 forms are submitted.

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