

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT2849146

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ALEXANDER GILLESSEN	04/14/2014
JOHANNES BORN	04/14/2014
SASCHA BACKHAUS	04/14/2014
JOACHIM PIEPENBROCK	04/22/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AIRBUS OPERATIONS GMBH
<b>Street Address:</b>	KREETSLAG 10
<b>City:</b>	HAMBURG
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	21129
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14248508
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(908)654-7866
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	(908) 518-6313
<b>Email:</b>	Assignment@ldlkm.com
<b>Correspondent Name:</b>	LDLK&M
<b>Address Line 1:</b>	600 SOUTH AVENUE WEST
<b>Address Line 4:</b>	WESTFIELD, NEW JERSEY 07090
<b>ATTORNEY DOCKET NUMBER:</b>	AIRBUS 3.0F-529 (E)
<b>NAME OF SUBMITTER:</b>	MICHAEL H. TESCHNER
<b>SIGNATURE:</b>	/Michael H. Teschner/
<b>DATE SIGNED:</b>	05/09/2014
<b>Total Attachments: 4</b>	
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source=assignment#page2.tif	
source=assignment#page3.tif	



ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

AIRBUS 3.0F-529 (E) (A 14960/KK)

Whereas, I, Alexander Gillessen of Freiburger Str. 8a; 21682 Stade; GERMANY

hereafter referred to as assignor, have with others invented certain new and useful improvements in:

Method And Apparatus For Producing A Fiber-Reinforced Plastics Casting

[X] for which an application for a United States Letters Patent was filed on April 9, 2014 Application Number 14/248,508

[ ] for which an application for a United States Letters Patent 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 Germany herein referred to as "assignee" whose mailing address is Krestslag 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.

14.04.2014 Date [Signature] Witness Subopponer's Typed Name of Witness

[Signature] Alexander Gillessen

[X] Total of 4 forms are submitted.

ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

AIRBUS 3.0F-529 (E) (A 14960/KK)

Whereas, I, Johannes Born of Buntentorsteinweg 170, 28201 Bremen, GERMANY

hereafter referred to as assignor, have with others invented certain new and useful improvements in

Method And Apparatus For Producing A Fiber-Reinforced Plastics Casting

[X] for which an application for a United States Letters Patent was filed on April 9, 2014

Application Number 14/248,508

[ ] for which an application for a United States Letters Patent 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 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.

14.04.2014 Date

Johannes Born

Witness Typed Name of Witness

[X] Total of 4 forms are submitted.

ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)
AIRBUS 3.DF-529 (E) (A 14960/KK)

Whereas, I, Sascha Backhaus of
Hans-Dewitz-Ring 16; 21075 Hamburg; GERMANY

hereafter referred to as assignor, have with others invented certain new and useful improvements in
Method And Apparatus For Producing A Fiber-Reinforced Plastics Casting

[X] for which an application for a United States Letters Patent was filed on April 9, 2014
Application Number 14/248,508

[ ] for which an application for a United States Letters Patent 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 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.

14.04.2014
Date

S. Backhaus
Sascha Backhaus

[Signature]
Witness

Schopmann
Typed Name of Witness

[X] \*Total of 4 forms are submitted.

ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)
AIRBUS 3.DF-529 (E) (A 14960/KK)

Whereas, I, Joachim Piepenbrock of
Stemmannsweg 7a; 21614 Buxtehude; GERMANY

hereafter referred to as assignor, have with others invented certain new and useful improvements in
Method And Apparatus For Producing A Fiber-Reinforced Plastics Casting

[X] for which an application for a United States Letters Patent was filed on April 9, 2014
Application Number 14/248,508

[ ] for which an application for a United States Letters Patent 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 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 interference 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.

22.4.14

Date

Joachim Piepenbrock

Joachim Piepenbrock

Witness

Typed Name of Witness

[X] \*Total of 4 forms are submitted.