

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 03/31/2005)

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.

1. Name of conveying party(ies)/Execution Date(s):
LARS FRAHM (03/02/2010), ULRICH RIEGER
(03/22/2010), CLAUD HOFFJANN (03/22/2010),
AND HANSGEORG SCHULDZIG (03/02/2010)

Execution Date(s) in parentheses after inventor name
Additional name(s) of conveying party(ies) attached? Yes No

- 3. Nature of Conveyance:**
- Assignment Merger
 - Security Agreement Change of Name
 - Government Interest Assignment
 - Executive Order 9424, Confirmatory License
 - Other _____

2. Name and address of receiving party(ies)

Name: AIRBUS OPERATIONS GMBH
 Internal Address: _____
 Street Address: _____
 KREETSLAG 10
 City: HAMBURG
 State: _____
 Country: Germany Zip: 21129
 Additional name(s) & address(es) attached: Yes No

4. Application or patent number(s): This document is being filed together with a new application.

A. Patent Application No. (s)
12/680,023

B. Patent No. (s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Michael H. Teschner
LERNER, DAVID, LITTENBERG,
KRUMHOLZ & MENTLIK, LLP

Internal Address, Atty. Dkt.: AIRBUS 3.3-188

Street Address: 600 South Avenue West

City: Westfield
 State: NJ Zip: 07090
 Phone Number: (908) 518-6313
 Fax Number: (908) 654-0415
 Email Address: mteschner@ldlkm.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00


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 Michael H. Teschner

9. Signature:


 Signature _____ Date April 7, 2010

Michael H. Teschner - 32,862
 Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 5

CIH \$40.00 12-1095 12680023

2007-176

former PTO/SB/15 (8-00) Modified LDLK&M

ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

AIRBUS 3.3-188

Whereas, I, Lars Frahm of Kleiner Schäferkamp 28; 20357 Hamburg; GERMANY

hereafter referred to as assignor, have with others invented certain new and useful improvements in Fuel Cell System With Suction Operation For An Aircraft

- for which an application for a United States Letters Patent was filed on _____ Application Number _____
- for which an application for a United States Letters Patent was executed by me on _____
- for which an International Application was filed on September 24, 2008, as PCT/EP2008/062773, 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 dollars (\$ 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.

02.03.10
Date


Lars Frahm


Witness
WESDENBERGER
Typed Name of Witness

*Total of 4 forms are submitted.

DD-515A

1151144

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

ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

AIRBUS 3.3-188

Whereas, I, Ulrich Rieger of Gerichtstrasse 45, 22765 Hamburg; GERMANY

hereafter referred to as assignor, have with others invented certain new and useful improvements in Fuel Cell System With Suction Operation For An Aircraft

for which an application for a United States Letters Patent was filed on _____
Application Number _____

for which an application for a United States Letters Patent was executed by me on _____

for which an International Application was filed on September 24, 2008, as PCT/EP2008/062773, 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 dollars (\$ 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.

22.03.2010
Date

Ulrich Rieger
Ulrich Rieger

S. Flashaar
Witness

Sebastian Flashaar
Typed Name of Witness

*Total of 4 forms are submitted.

LD-515A

former PTO/SB/15 (8-00) Modified LDI K&M

ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

AIRBUS 3.3-188

Whereas, I, Claus Hoffjann of Rehrstieg 142, 21147 Hamburg, GERMANY

hereafter referred to as assignor, have with others invented certain new and useful improvements in Fuel Cell System With Suction Operation For An Aircraft

for which an application for a United States Letters Patent was filed on _____ Application Number _____

for which an application for a United States Letters Patent was executed by me on _____

for which an International Application was filed on September 24, 2008, as PCT/EP2008/062773, designating the United States.

And

Whereas, Airbus Operations GmbH a corporation of Germany herein referred to as "assignee" whose mailing address is Kraetslag 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 dollars (\$ 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.

22.03.2010
Date

[Signature]
Claus Hoffjann

[Signature]
Witness

Johannes LAUCKNER
Typed Name of Witness

*Total of 4 forms are submitted.

LD-515A

ASSIGNMENT OF UTILITY APPLICATION	former PTO/SR/15 (8-00) Modified LDLKM Docket Number (Optional) AIRBUS 3.3-188
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Whereas, I, Hansgeorg Schuldzig of Westfeld 4; 21635 Jork; GERMANY

hereafter referred to as assignor, have with others invented certain new and useful improvements in Fuel Cell System With Suction Operation For An Aircraft

- for which an application for a United States Letters Patent was filed on _____
Application Number _____
- for which an application for a United States Letters Patent was executed by me on _____
- for which an International Application was filed on September 24, 2008, as PCT/EP2008/062773, 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 dollars (\$ 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.

02. März 2010
Date

Linga Jued's
Witness

Kinga Anders
Typed Name of Witness

Hansgeorg Schuldzig
Hansgeorg Schuldzig

*Total of 4 forms are submitted.

LD-515