

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 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):

DIRK HUMFELDT (08/18/2008),
MICHAEL HARRIEHAUSEN (08/18/2008),
JAN SCHRÖDER (08/05/2008),
MARTIN SPERBER (08/11/2008), AND

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 DEUTSCHLAND 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):

A. Patent Application No.(s)
12/223,831

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Jonathan A. David
LERNER, DAVID, LITTENBERG,
KRUMHOLZ & MENTLIK, LLP

Internal Address: Atty. Dkt.:

Street Address: 600 South Avenue West

City: Westfield

State: NJ Zip: 07090

Phone Number: (908) 518-6331

Fax Number: (908) 654-0415

Email Address: j david@1dlkm.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 Jonathan A. David

9. Signature:



Signature

Jonathan A. David - 36,494

Name of Person Signing

March 4, 2009
Date

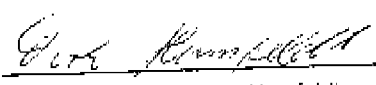
Total number of pages including cover sheet, attachments, and documents:

7

CH \$40.00 121095 12223831

RECORDATION FORM COVER SHEET (continued)	
Form PTO-1595	
Additional Conveying Party(ies)/Execution Date(s) (1. Continued): Michael Demary (08/11/2008)	
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):	
Additional Patent Application Numbers 4A. Continued:	Additional Patent Numbers 4B. Continued:
Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No	

986691_1.DOC

(former PTO/SB/15 (8-00) Modified LDK&M)	
ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) AIRBUS 3.3-086
<p>Whereas, I, <u>Dirk Humfeldt</u> of <u>Kaulbachstrasse 33; 22607 Hamburg; GERMANY</u> hereafter referred to as assignor, have with others invented certain new and useful improvements in <u>ENERGY ABSORBER FOR AIRCRAFT</u> <input type="checkbox"/> for which an application for a United States Letters Patent was filed on _____ Application Number _____ <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>February 7, 2007</u>, as <u>PCT/EP2007/001033</u>, designating the United States.</p> <p>And</p> <p>Whereas, <u>Airbus Deutschland 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> dollars (\$ <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-between; margin-top: 20px;"> <div style="text-align: center;"> <u>18-02-2007</u> Date </div> <div style="text-align: center;">  Dirk Humfeldt </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="text-align: center;"> <u>Harri</u> Witness <u>Michael Harriehausen</u> Typed Name of Witness </div> </div>	
<input checked="" type="checkbox"/> *Total of <u>5</u> forms are submitted.	

LD-515

former PTO/SB/15 (B-00) Modified LDKRM	
ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) AIRBUS 3.3-086

Whereas, I, Michael Harriehausen of
Conveysstraße 15; 22529 Hamburg
hereafter referred to as assignor, have with others invented certain new and useful improvements in
ENERGY ABSORBER FOR 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 February 7, 2007, as
PCT/EP2007/001033, designating the United States.

And

Whereas, Airbus Deutschland 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.

18.02.2008
Date

Michael Harriehausen
Michael Harriehausen

Dirk Humfeldt
Witness

Dirk Humfeldt
Typed Name of Witness

☒ *Total of 5 forms are submitted.

LD-515.

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

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) AIRBUS 3.3-086
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Whereas, I, Jan Schröder of Niendorf 19: 22559 Hamburg; GERMANY hereafter referred to as assignor, have with others invented certain new and useful improvements in ENERGY ABSORBER FOR 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 February 7, 2007, as PCT/EP2007/001033, designating the United States.

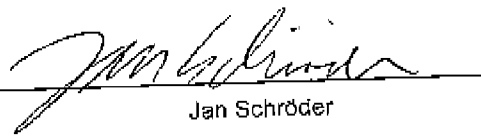
And


Whereas, Airbus Deutschland 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.

5th Aug 2008
 Date


 Jan Schröder


 Witness

MEIZORTH
 Typed Name of Witness

☒ *Total of 5 forms are submitted.

LD-515A

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

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) AIRBUS 3.3-086
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Whereas, I, Martin Sperber of Greferathstrasse 11; 41238 Mönchengladbach; GERMANY hereafter referred to as assignor, have with others invented certain new and useful improvements in ENERGY ABSORBER FOR 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 _____, as

☒ for which an International Application was filed on February 7, 2007, as PCT/EP2007/001033, designating the United States.

And

Whereas, Airbus Deutschland 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.

17.02.2007, Cologne
Date

Martin Sperber
Martin Sperber

A.D. Demary
Witness

Michael Demary
Typed Name of Witness

☒ Total of 5 forms are submitted.

LD-515

former PTO/SB/15 (8-00) Modified LDK&M	
ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) AIRBUS 3.3-088

Whereas, I, Michael Demary of
Tilsiter Strasse 14; 53340 Meckenheim; GERMANY
 hereafter referred to as assignor, have with others invented certain new and useful improvements in
ENERGY ABSORBER FOR 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 _____

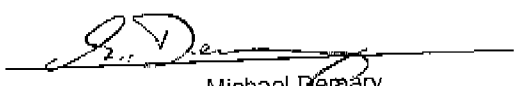
☒ for which an International Application was filed on February 7, 2007, as
PCT/EP2007/001033, designating the United States.


And
 Whereas, Airbus Deutschland 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.

11.08.08, Cologne
 Date


 Michael Demary


 Witness

Martin Sperber
 Typed Name of Witness

☒ Total of 5 forms are submitted.

1.D-513