


Form PTO-1595 (Rev. 03-11)
OMB No. 0651-0027 (exp. 03/31/2012)

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

| RECORDATION FORM COVER SHEET PATENTS ONLY | |
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| To the Director of the U.S. Patent and Trademark Office: Please record the attached documents of the new address(es) below. | |
| 1. Name of conveying party(ies): Tim Fuss (10/18/2011) and Uwe Schwark (11/11/2011) Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 2. Name and address of receiving party(ies) Name: <u>Airbus Operations GmbH</u> Internal Address: _____ Street Address: _____ <u>Kreetslag 10</u> 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 |
| 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 _____ | 4. Application or patent number(s): A. Patent Application No.(s) <u>13/287,366</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 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: <u>Atty. Dkt.: AIRBUS 3.9-386 CON</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> | 6. Total number of applications and patents involved: 1 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) |
| 8. Payment Information Deposit Account Number: <u>12-1095</u> Authorized User Name: <u>Michael H. Teschner</u> | |
| 9. Signature: <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">  _____ Signature <u>Michael H. Teschner - 32,862</u> Name of Person Signing </div> <div style="text-align: right;"> <u>November 11, 2011</u> Date </div> </div> <div style="display: flex; justify-content: flex-end; margin-top: 10px;"> Total number of pages including cover sheet, attachments, and documents: 3 </div> | |

CH \$40.00 121095 13287366

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| ASSIGNMENT OF UTILITY APPLICATION | Docket Number (Optional) AIRBUS 3194386 CON |
|------------------------------------------|-------------------------------------------------------|


Whereas, I, Tim Fuss of
Sülldorfer Landstr. 2, 22589 Hamburg, Germany
 hereafter referred to as assignor, have with others invented certain new and useful improvements in
Method For Directional Digital Data Transmission Between An Aircraft And A Ground Station
☒ for which an application for a United States Letters Patent was filed on November 2, 2011
 Application Number 13/287,366
☐ for which an application for a United States Letters Patent was executed by me on _____
☒ for which an International Application was filed on May 5, 2010 as
PCT/EP2010/056109, 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.

18.10.2011
 Date


 Tim Fuss


 Witness

DANIEL GLASER
 Typed Name of Witness

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| <input checked="" type="checkbox"/> | *Total of <u>2</u> forms are submitted. |
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11/11/2011

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| <p style="text-align: right; font-size: small; margin: 0;">Form 101 (PCT/US 15 (8-00) Modified LDLKM)</p> <p style="text-align: center; font-weight: bold; margin: 0;">ASSIGNMENT OF UTILITY APPLICATION</p> | <p style="text-align: center; font-size: small; margin: 0;">Docket Number (Optional)</p> <p style="text-align: center; font-weight: bold; margin: 0;">AIRBUS 319-366 CON</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Whereas, I, Uwe Schwark of Lange Strasse 48, 28870 Ottersberg, Germany hereafter referred to as assignor, have with others invented certain new and useful improvements in Method For Directional Digital Data Transmission Between An Aircraft And A Ground Station

☒ for which an application for a United States Letters Patent was filed on November 2, 2010 Application Number 13/287,366

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

☒ for which an International Application was filed on May 5, 2010, as PCT/EP2010/056108, designating the United States.

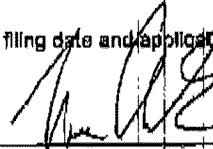
And

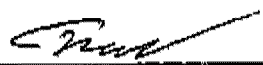
Whereas, Airbus Operations GmbH a corporation of Germany herein referred to as "assignee" whose mailing address is Kreiselag 10, 21129 Hamburg, Germany is desirous of acquiring the entire right, title and interest in the same;

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.

11 Nov 2011
 Date


Uwe Schwark


 Witness

Heiko Trusch
 Typed Name of Witness

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| <input checked="" type="checkbox"/> | *Total of | 2 | forms are submitted. |
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LD-5151