503714343 02/29/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3760984

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| EMANUELE MERLO | 08/07/2015 |
| ALESSANDRO GURIOLI | 08/07/2015 |
| ERMANNO MAGNOLI | 08/07/2015 |
| GIORDANO MATTIUZZO | 08/07/2015 |
| ROBERTO PERTILE | 08/07/2015 |

RECEIVING PARTY DATA

| Name: | ALENIA AERMACCHI S.P.A. |
|-----------------|--------------------------|
| Street Address: | VIA ING. PAOLO FORESIO 1 |
| City: | VENEGONO SUPERIORE |
| State/Country: | ITALY |
| Postal Code: | I-21040 |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 14765744 | |

CORRESPONDENCE DATA

Fax Number: (612)332-9081

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 6123325300

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Correspondent Name: GREGORY A. SEBALD

Address Line 1: P.O. BOX 2903

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0903

| ATTORNEY DOCKET NUMBER: | TORNEY DOCKET NUMBER: 07587.0520FPWO | |
|-------------------------|--------------------------------------|--|
| NAME OF SUBMITTER: | GREGORY A. SEBALD | |
| SIGNATURE: | /Gregory Sebald/ | |
| DATE SIGNED: | 02/29/2016 | |

Total Attachments: 2

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PATENT REEL: 037853 FRAME: 0527 source=2016-02-29_Executed-Assignment#page2.tif

PATENT REEL: 037853 FRAME: 0528

| INSTRUCTIONS | U.S. ASSIGNMENT TO CORPORATION | | |
|--|---|--|--|
| | WHEREAS, | | |
| Inventor(s) Name, Address, Citizenship | 1. MERLO Emanuele residing at Corso Liberazione 81, I-28041 Arona – Italy and a citizen of Italy; 2. GURIOLI Alessandro residing at c/o Alenia Aermacchi SPA, Via Ing Paolo Foresio 1, I-21040 Venegono Superiore (VA) - Italy and a citizen of Italy; 3. MAGNOLI Ermanno residing at c/o Alenia Aermacchi SPA, Via Ing Paolo Foresio 1, I-21040 Venegono Superiore (VA) - Italy and a citizen of Italy; 4. MATTIUZZO Giordano residing at c/o Alenia Aermacchi SPA, Via Ing Paolo Foresio 1, I-21040 Venegono Superiore (VA) - Italy and a citizen of Italy; 5. PERTILE Roberto residing at c/o Alenia Aermacchi SPA, Via Ing Paolo Foresio 1, I-21040 Venegono Superiore (VA) - Italy and a citizen of Italy; | | |
| Check the appropriate box and fill in the requested information: • select the first check box if the application is a | (herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States entitled <u>System for preventing icing on anaircraft surface operationally exposed to air and which:</u> | | |
| national stage of a PCT application and provide the international application number and filing date before sending the assignment for execution; | is the national stage application of International Application No. | | |
| select the second check box if the application will be filed without the executed assignment - once the assignment is executed and the serial number and filing date of the U.S. application are known, provide this information before recordation; | □ was given U.S. Serial No. 14/765744 ; or is filed concurrently herewith; | | |
| select the third check box if the application was previously filed and provide the serial number and filing date before sending the assignment for execution; or | | | |
| select the fourth check box if the application will be filed with the application. | | | |
| Name of Corporation | AND WHEREAS <u>Alenia Aermacchi SPA</u> (herein called "ASSIGNEE"), a corporation organized under the laws of <u>Italy</u> , and having an office and place of business at <u>Via Ing. Paolo Foresio 1, I-21040 Venegono Superiore (VA) - Italy</u> | | |
| State or Country of Incorporation and Address | wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor; | | |

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NOW, THEREFORE, for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is biereby acknowledged, THE UNDERSIGNED bereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for the United States in and to the invention disclosed in the aforesaid application and all the right(s) to claim priority thereto, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aloresaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE L'NDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereumo set their hand on the dates indicated below.

Each inventor must sign & date Note: No legalization or other witness required

| witness required | | |
|--------------------------|------------|----------------------|
| Name: MERLO Emanuele | Signature: | Date:07 August 2015 |
| Name: GURIOLI Alessandro | Signature | Date: 07 August 2015 |
| Name: MAGNOL1 Ermanno | Signature: | Date: 07 August 2015 |
| Name: MATTIUZZO Giordano | Signaturé: | Date: 07 August 2015 |
| Name: PERTILE Roberto | Signature: | Date: 07 August 2015 |