504312832 04/07/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4359514

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| RÜDIGER J. WAGNER | 02/22/2016 |
| ANDERS EKELUND | 01/25/2017 |
| ANDREAS AXELSSON | 01/26/2017 |
| PATRICK STEINMANN | 02/23/2017 |

RECEIVING PARTY DATA

| Name: | LEICA GEOSYSTEMS AG |
|-----------------|-------------------------|
| Street Address: | HEINRICH-WILD-STRASSE |
| City: | HEERBRUGG |
| State/Country: | SWITZERLAND |
| Postal Code: | CH-9435 |
| Name: | AIRBORNE HYDROGRAPHY AB |
| Street Address: | KLUBBHUSGATAN 15 |
| City: | JÖNKÖPING |
| State/Country: | SWEDEN |
| Postal Code: | S-55303 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15468057 |

CORRESPONDENCE DATA

Fax Number:

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: 4352521360

Email:mbutters@mabr.comCorrespondent Name:R. BURNS ISRAELSENAddress Line 1:MASCHOFF BRENNAN

Address Line 2: 1389 CENTER DR. SUITE 300
Address Line 4: PARK CITY, UTAH 84098

ATTORNEY DOCKET NUMBER: K1033.10324US01

PATENT REEL: 041934 FRAME: 0339

504312832

| NAME OF SUBMITTER: | R. BURNS ISRAELSEN | |
|---|--------------------------------------|--|
| SIGNATURE: | /R. Burns Israelsen, Reg. No. 42685/ | |
| DATE SIGNED: | 04/07/2017 | |
| Total Attachments: 4 | | |
| source=K1033-10324US01_Declaration-and-Assignment#page1.tif | | |
| source=K1033-10324US01_Declaration-and-Assignment#page2.tif | | |
| source=K1033-10324US01_Declaration-and-Assignment#page3.tif | | |
| source=K1033-10324US01_Declaration-and-Assignment#page4.tif | | |

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT OF UNITED STATES RIGHTS FOR SINGLE ASSIGNEE

| Title of Invention | LIDAR DATA | | |
|----------------------------------|--|--|--|
| Docket Number | K1033.10324US01 | | |
| As the below named invent | or, I hereby declare that: | | |
| This declaration is directed to: | The attached application, or | | |
| | United States application or PCT international application number filed on | | |

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both,

WHEREAS, LEICA GEOSYSTEMS AG, having a principal place of business at Heinrich-Wild-Strasse, CH-9435, Heerbrugg, SWITZERLAND, desires to secure an equal, undivided right, title and interest in said invention and the patent application filed thereon.

WHEREAS, AIRBORNE HYDROGRAPHY AB, having a principal place of business at Klubbhusgatan 15, S-55303, Jönköping, SWEDEN, desires to secure an equal, undivided right, title and interest in said invention and the patent application filed thereon.

As used hereinafter, the term "ASSIGNEE" refers to the foregoing parties either collectively or individually.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the ASSIGNOR hereby assigns to the ASSIGNEE, the entire right, title and interest in said invention and in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application filed in the United States, and reissues, extensions and renewals of Letters Patent granted thereon in the United States, and in all Letters Patents issuing on any such patent applications in the United States.

ASSIGNOR hereby assigns to the ASSIGNEE the right to claim priority in the United States, under the terms of the International Convention and any other relevant treaties, to any prior patent application for said invention filed in a country foreign to the United States or to a prior international patent application for said invention.

ASSIGNOR hereby authorizes and requests the United States Patent & Trademark Office to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of ASSIGNOR'S entire right, title and interest in and to the same, for the sole use and behoof of the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted.

Further, ASSIGNOR agrees, without further consideration, to communicate to the ASSIGNEE any facts known to ASSIGNOR respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal and reissue applications, execute all necessary assignment papers to cause said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, its successors and assigns, to obtain and enforce Letters Patent for said invention in the United States.

| LEGAL NAME OF INVENTOR | | | | | | | |
|------------------------|--------------------|------------------|---|-----------|-----|--|--|
| Inventor: WAGNER | Rüdiger J. | Date: | 22.2 | 2. 20/6 | × . | | |
| Signature: | Jake Marie Control | | Sec. 1. | | | | |
| | | Service Services | 1, 24 (1970) 20 (1970) 20 (1970) 20 (1970) | to the te | | | |

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT OF UNITED STATES RIGHTS FOR SINGLE ASSIGNEE

| Title of Invention | CREATION OF A 3D CITY MODEL FROM OBLIQUE IMAGING AND LIDAR DATA | | | |
|---|---|--|--|--|
| Docket Number | K1033.10324US01 | | | |
| As the below named inventor, I hereby declare that: | | | | |
| This declaration | The attached application, or | | | |
| is directed to: | United States application or PCT international application number > filed on < <enter>>.</enter> | | | |
| The above-identified a | pplication was made or authorized to be made by me. | | | |
| I believe that I am the | original inventor or an original joint inventor of a claimed invention in the application. | | | |
| I hereby acknowledge or imprisonment of no | that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine tmore than five (5) years, or both. | | | |
| WHEREAS, 3 9435, Heerbrugg, SWI patent application filed | LEICA GEOSYSTEMS AG, having a principal place of business at Heinrich-Wild-Strasse, CH-TZERLAND, desires to secure an equal, undivided right, title and interest in said invention and the thereon. | | | |
| WHEREAS, A 55303, Jönköping SWI application filed thereo | AIRBORNE HYDROGRAPHY AB, having a principal place of business at Klubbhusgatan 15, S-EDEN, desires to secure an equal, undivided right, title and interest in said invention and the patent on. | | | |
| As used herein | after, the term "ASSIGNEE" refers to the foregoing parties either collectively or individually. | | | |
| NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the ASSIGNOR hereby assigns to the ASSIGNEE, the entire right, title and interest in said invention and in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application filed in the United States, and reissues, extensions and renewals of Letters Patent granted thereon in the United States, and in all Letters Patents issuing on any such patent applications in the United States. | | | | |
| ASSIGNOR hereby assigns to the ASSIGNEE the right to claim priority in the United States, under the terms of the International Convention and any other relevant treaties, to any prior patent application for said invention filed in a country foreign to the United States or to a prior international patent application for said invention. | | | | |
| ASSIGNOR hereby authorizes and requests the United States Patent & Trademark Office to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of ASSIGNOR'S entire right, title and interest in and to the same, for the sole use and behoof of the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted. | | | | |
| Further, ASSIGNOR agrees, without further consideration, to communicate to the ASSIGNEE any facts known to ASSIGNOR respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal and reissue applications, execute all necessary assignment papers to cause said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, its successors and assigns, to obtain and enforce Letters Patent for said invention in the United States. | | | | |
| LEGAL NAME OF IN | VENTOR | | | |
| Inventor: Ander | s EKELUND Date: 25/1 - 2017 | | | |
| Signature: | 1) Cd | | | |

MASCHOFF BRENNAN, PLL.C 1389 Center Drive, Suite 300 PARK CITY, UTAH 84098, USA

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT OF UNITED STATES RIGHTS FOR SINGLE ASSIGNEE

| Title of Invention | CREATION OF A 3D CITY MODEL FROM OBLIQUE IMAGING AND LIDAR DATA | | | |
|---|---|--|--|--|
| Docket Number | K1033,10324US01 | | | |
| As the below named inventor, I hereby declare that: | | | | |
| This declaration | The attached application, or | | | |
| is directed to: | United States application or PCT international application number filed on | | | |
| The above-identified a | pplication was made or authorized to be made by me. | | | |
| I believe that I am the | original inventor or an original joint inventor of a claimed invention in the application. | | | |
| I hereby acknowledge or imprisonment of no | that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine t more than five (5) years, or both. | | | |
| WHEREAS, 1 9435, Heerbrugg, SWI patent application filed | LEICA GEOSYSTEMS AG, having a principal place of business at Heinrich-Wild-Strasse, CH-TZERLAND, desires to secure an equal, undivided right, title and interest in said invention and the thereon. | | | |
| WHEREAS, A 55303, Jönköping, SW application filed thereo | AIRBORNE HYDROGRAPHY AB, having a principal place of business at Klubbhusgatan 15, S-EDEN, desires to secure an equal, undivided right, title and interest in said invention and the patent on. | | | |
| As used herein | after, the term "ASSIGNEE" refers to the foregoing parties either collectively or individually. | | | |
| NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the ASSIGNOR hereby assigns to the ASSIGNEE, the entire right, title and interest in said invention and in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application filed in the United States, and reissues, extensions and renewals of Letters Patent granted thereon in the United States, and in all Letters Patents issuing on any such patent applications in the United States. | | | | |
| ASSIGNOR hereby assigns to the ASSIGNEE the right to claim priority in the United States, under the terms of the International Convention and any other relevant treaties, to any prior patent application for said invention filed in a country foreign to the United States or to a prior international patent application for said invention. | | | | |
| ASSIGNOR hereby authorizes and requests the United States Patent & Trademark Office to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of ASSIGNOR'S entire right, title and interest in and to the same, for the sole use and behoof of the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted. | | | | |
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| LEGAL NAME OF INVENTOR | | | | |
| Inventor: Andrea | as AXELSSON Date: Z012-01-26 | | | |
| Signature: | 9, Jaces 12- | | | |

MASCHOFF BRENNAN, PLLC 1389 Center Drive, Suite 300 PARK CITY, UTAH 84098, USA

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT OF UNITED STATES RIGHTS FOR SINGLE ASSIGNEE

| Title of Invention | CREATION OF A 3D CITY MODEL FROM OBLIQUE IMAGING AND LIDAR DATA | | | | |
|---|---|--|--|--|--|
| Docket Number | K1033.10324US01 | | | | |
| As the below named in | As the below named inventor, I hereby declare that: | | | | |
| This declaration | ☐ The attached application, or | | | | |
| is directed to: | United States application or PCT international application number filed on | | | | |
| The above-identified a | pplication was made or authorized to be made by me. | | | | |
| I believe that I am the | original inventor or an original joint inventor of a claimed invention in the application. | | | | |
| I hereby acknowledge or imprisonment of not | that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine more than five (5) years, or both. | | | | |
| WHEREAS, 19435, Heerbrugg, SWI patent application filed | LEICA GEOSYSTEMS AG, having a principal place of business at Heinrich-Wild-Strasse, CH-TZERLAND, desires to secure an equal, undivided right, title and interest in said invention and the thereon. | | | | |
| WHEREAS, / 55303, Jönköping, SW application filed thereo | AIRBORNE HYDROGRAPHY AB, having a principal place of business at Klubbhusgatan 15, S-EDEN, desires to secure an equal, undivided right, title and interest in said invention and the patent in. | | | | |
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| LEGAL NAME OF INVENTOR | | | | | |
| Inventor: Patrick | STEINMANN Date: 23.2.7049 | | | | |
| Signature: | | | | | |

MASCHOFF BRENNAN, PLLC

1389 Center Drive, Suite 300 PARK CITY, UTAH 84098, USA

> PATENT REEL: 041934 FRAME: 0344

RECORDED: 04/07/2017