503350271 06/15/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3396892

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| LAURE CANIS | 04/15/2015 |
| FETEN ZMERLI | 04/15/2015 |

RECEIVING PARTY DATA

| Name: | AMADEUS S.A.S. |
|-------------------|--------------------------|
| Street Address: | 485 ROUTE DE PIN MONTARD |
| Internal Address: | SOPHIA ANTIPOLIS |
| City: | BIOT |
| State/Country: | FRANCE |
| Postal Code: | 06410 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14685681 |

CORRESPONDENCE DATA

Fax Number: (937)443-6635

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: 5133526592

Email: ipdocket@thompsonhine.com

Correspondent Name: WILLIAM R. ALLEN

Address Line 1: 10050 INNOVATION DRIVE, SUITE 400

Address Line 4: DAYTON, OHIO 45342

| ATTORNEY DOCKET NUMBER: | 094175-00116US/LD |
|-------------------------|--|
| NAME OF SUBMITTER: | WILLIAM R. ALLEN |
| SIGNATURE: | /WILLIAM R. ALLEN/ |
| DATE SIGNED: | 06/15/2015 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

Total Attachments: 4

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PATENT 503350271 REEL: 035838 FRAME: 0292

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PATENT REEL: 035838 FRAME: 0293

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

| Title of Invention: | SELECTING SEARCH RESULTS FOR RESPONDING TO SEARCH QUERY | |
|---------------------|---|--|
| As th | below named inventor, I hereby declare that | |
| This | Declaration is directed to: | |
| The attached OR | pplication | |
| x United States | Application Number or PCT International Application | |
| Number | 4/685,681 filed on April 14, 2015 | |
| The a | ove-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 above-identified application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.

Whereas, the undersigned inventor(s) has/have made certain inventions, improvements and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application;

Whereas, Amadeus S.A.S., a corporation of France (herein referred to as the "Amadeus"), desires to acquire, and each undersigned inventor desires to grant to Amadeus, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to Amadeus ("ASSIGNEE"), its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for

the Invention, to Amadeus, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by Amadeus, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in Amadeus, its successors, legal representatives, and assigns, whenever requested by Amadeus, its successors, legal representatives, or assigns.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to Amadeus and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants Amadeus, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment.

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

| Legal name of Inventor: | Laure Canis | ************ | |
|-------------------------|--------------|---|----------|
| Inventor's Signature: | | Date: | 15/04/19 |
| Legal name of Inventor: | Feten Zmerli | *************************************** | |
| Inventor's Signature: | | Date: | |

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

| Title of In | vention | SELECTING SEA | RCH RESULTS FOI QUERY | R RESPONDING TO SEARCH | [|
|-------------|-------------------------|-----------------------|--------------------------|------------------------|------|
| | As the I | selow named invento | or, I hereby declare th | nat: | |
| | This De | claration is directed | to: | | |
| The OR | attached a _I | pplication | | | |
| x Unit | ed States A | application Number | or PCT International | Application | |
| | | /685,681 | filed on | April 14, 2015 | •••• |

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

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Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to Amadeus ("ASSIGNEE"), its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for

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the Invention, to Amadeus, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by Amadeus, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in Amadeus, its successors, legal representatives, and assigns, whenever requested by Amadeus, its successors, legal representatives, or assigns.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to Amadeus and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants Amadeus, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment.

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.

| Legal name of Inventor: | Laure Canis | |
|-------------------------|-----------------|---|
| Inventor's Signature: | Date: | |
| Legal name of Inventor: | Feten Zmerli | |
| Inventor's Signature: | Date: 15/04/201 | Š |