PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YIZHEN ZHANG	12/06/2017
SIMONE CAMPORA	12/06/2017
IVAN XAVIER MARCHAND	06/13/2017
LOÏC FONTOLLIET	06/13/2017

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15617180

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: 93744366949

Email: ipdocket@thompsonhine.com

Correspondent Name: THOMPSON HINE LLP
Address Line 1: AUSTIN LANDING I

Address Line 2: 10050 INNOVATION DRIVE #400

Address Line 4: DAYTON, OHIO 45342

ATTORNEY DOCKET NUMBER:	PT1334US00
NAME OF SUBMITTER:	WILLIAM R. ALLEN
SIGNATURE:	/William R. Allen/
DATE SIGNED:	12/19/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 047813 FRAME: 0866

Total Attachments: 6 source=PT1334US00_Dec#page1.tif source=PT1334US00_Dec#page2.tif source=PT1334US00_Dec#page3.tif source=PT1334US00_Dec#page4.tif source=PT1334US00_Dec#page5.tif source=PT1334US00_Dec#page6.tif

PATENT REEL: 047813 FRAME: 0867

DECLARATION AND ASSIGNMENT

Title of Invention: MULTI-STANDARD MESSAGE PROCESSING

As a below named and undersigned inventor, I hereby declare that:

This Declaration is directed to:

- [] The attached application, or
- [x] United States Application Number 15/617,180 filed on June 8, 2017.

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 have reviewed and understand the contents of the 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 Société par Actions Simplifiée of France (herein referred to as "Amadeus") and having a place of business at 485, Route du Pin Montard, Sophia-Antipolis, 06410 Biot, France, 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.

(1) Legal Name of Inventor: Yizhen Zhang アルカ 生	
Signature:	Date: 1210612017
(2) Legal Name of Inventor: Simone Campora	
Signature:	Date:
(3) Legal Name of Inventor: Ivan Xavier Marchand	
Signature:	Date:
(4) Legal Name of Inventor: Loïc Fontolliet	
Signature:	Date:

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Page 1 of 2

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(1) Legal Name of Inventor: Yizhen Zhang	
Signature:	Date:
(2) Legal Name of Inventor: Simone Campora	
Signature: Lelle Jelle	Date: 12/06/2017
(3) Legal Name of Inventor: Ivan Xavier Marchand	
Signature:	Date:
(4) Legal Name of Inventor: Loïc Fontolliet	
Signature:	Dates

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(1) Legal Name of Inventor: Yizhen Zhang

(-)8	
Signature:	Date:
(2) Legal Name of Inventor: Simone Campora	
Signature:	Date:
(3) Legal Name of Inventor: Ivan Xavier Marcha	and
Signature:	Date: 6-13-2017
(4) Legal Name of Inventor: Loïc Fontolliet	
	01/12/2017

Signature: