

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GUY MABYALAHT	07/19/2019
LAURENT KAZDAGHLI	07/19/2019
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16658384
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<b>ATTORNEY DOCKET NUMBER:</b>	M18038 US
<b>NAME OF SUBMITTER:</b>	THOMAS F. QUINN, JR.
<b>SIGNATURE:</b>	/Thomas F. Quinn, Jr. Reg. No. 35988/
<b>DATE SIGNED:</b>	10/21/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 2</b>	
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source=US-DeclarationAndAssignment-Executed_M18038US#page2.tif	

**DECLARATION AND ASSIGNMENT**

As a below named inventor, I hereby declare that: I believe I am the original inventor or an original joint inventor of a claimed invention in the application, which is entitled:

**TITLE: METHOD FOR EXTRACTING CHARACTERISTICS FROM A FINGERPRINT REPRESENTED BY AN INPUT IMAGE**

the specification of which is attached hereto along with any applicable amendments. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. The above-identified application was made or authorized to be made by me. I acknowledge the duty to disclose information which is material to patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. 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. I hereby claim priority benefits under Title 35, United States Code, Section 119(a)-(d) or (f), or 365(b) of any application(s) for patent or inventor's certificate(s) listed below, or 365(a) of any PCT international application, listed below and have also identified below any application for patent, inventor's certificate(s) or any PCT international application having a filing date before that of the application on which priority is claimed: PRIOR APPLICATION(S):

<b>Application Number</b>	<b>Filing Date</b>	<b>Country</b>
<u>1859682</u>	<u>October 19<sup>th</sup>, 2018</u>	<u>France</u>

WHEREAS, I, the undersigned, residing at the indicated address given next to my name below, have made an invention, which is described in the above-identified PRIOR APPLICATION(S) listed by priority Patent Application number(s), date(s) and priority country.

WHEREAS, **IDEMIA IDENTITY & SECURITY FRANCE** of 2, place Samuel de Champlain 92400 Courbevoie - France ["**Assignee**"] desires to acquire the entire right, title and interest in and to said invention and in, to and under any Patent Applications which may be filed and any Letters Patent granted covering the invention in the United States and in any and all other countries.

NOW, THEREFORE, for valuable consideration which is hereby acknowledged, I, the undersigned, hereby sell, assign, and transfer to **Assignee** its successors and assigns, the entire right, title and interest to the invention in the United States and in all other countries and the entire right, title, and interest in and to any and all patent applications covering the above invention, including the above identified application(s) and any and all corresponding and related applications in the United States and all countries, and the entire right, title, and interest in and to any and all Letters Patent which may be granted covering the invention in the United States and in any and all other countries and in and to any and all divisions, reissues, continuations, and extensions thereof, to the extent that I am an inventor of such invention and I covenant that I have the full right to do so.

I hereby authorize and request the Patent Office Officials in the United States and in any and all

other countries to issue any and all of said Letters Patent, when granted, to Assignee as the assignee of the entire right, title and interest in and to the same, for the sole use of Assignee, its successors and assigns. I further agree that I will communicate to Assignee or its representatives or agents all facts and information known or available to me regarding said invention whenever requested; I will testify in any interference or other legal proceeding; I will execute and deliver, on request, all lawful papers including original, divisional, continuing and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, depositions, etc. and generally do everything possible to aid said Assignee, its successors and assigns, at its expense, in obtaining and enforcing proper protection for said invention in the United States and all other countries.

I hereby authorize the Assignee or its attorneys to delete, insert, or alter the title or other information related to the above-identified patent application and PRIOR APPLICATION(S) after execution of this Assignment.

This Assignment shall be effective the earlier of: the date of my signature as indicated next to my name below, or the date of the last priority filing listed above.

IN TESTIMONY WHEREOF, I hereby execute this assignment:

<b>NAME OF SOLE OR FIRST INVENTOR:</b>	
Given Name (first and middle [if any])	Guy
Family Name or Surname	MABYALAHT
Inventor's signature	Date 19/07/2019
Citizenship:	CONGOLESE
Mailing Address:	c/o IDEMIA IDENTITY AND SECURITY FRANCE 2, place Samuel de Champlain 92400 COURBEVOIE (France)

<b>NAME OF SECOND INVENTOR:</b>	
Given Name (first and middle [if any])	Laurent Semy
Family Name or Surname	KAZDAGHLI
Inventor's signature	Date 19/07/2019
Citizenship:	FRENCH
Mailing Address:	c/o IDEMIA IDENTITY AND SECURITY FRANCE 2, place Samuel de Champlain 92400 COURBEVOIE (France)

**PATENT**