505319193 02/07/2019 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5365974

SUBMISSION TYPE:		NEW ASSIGNMENT		
IATURE OF CONVEYA	NCE:	ASSIGNMENT		
CONVEYING PARTY DATA				
		Name		Execution Date
JEAN-CHRISTOPHE F	ONDEUR			03/22/2018
HERVE CHABANNE				02/22/2018
JULIEN BRINGER				03/22/2018
RECEIVING PARTY D	ΑΤΑ			
Name:	SAFRA	N IDENTITY & SECURITY		
Street Address:	11 BLC	GALLIENI		
City:	ISSY L	ES MOULINEAUX		
State/Country:	FRANC	E		
Postal Code:	92130			
PROPERTY NUMBER	S Total: 1			
PROPERTY NUMBER		Number		
Property Type		Number 15668551		
Property Type	•			
Property Type Application Number: CORRESPONDENCE Fax Number:	DATA	(310)820-5988		
Property Type Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will</i>	DATA be sent to	15668551 (310)820-5988 the e-mail address first; if that is		
Property Type Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will a</i> <i>using a fax number, it</i>	DATA be sent to	(310)820-5988		
Property Type Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will</i>	DATA be sent to	15668551 (310)820-5988 the e-mail address first; if that is ; if that is unsuccessful, it will be	sent via US	5 Mail.
Property Type Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will using a fax number, in</i> Phone: Email: Correspondent Name	DATA be sent to f provideo	15668551 (310)820-5988 <i>the e-mail address first; if that is</i> <i>; if that is unsuccessful, it will be</i> 404-872-7000	sent via US	5 Mail. wbd-us.com
Property Type Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will a</i> <i>using a fax number, it</i> Phone: Email: Correspondent Name Address Line 1:	DATA be sent to f provideo	15668551 (310)820-5988 the e-mail address first; if that is ; if that is unsuccessful, it will be 404-872-7000 3STZFipGroup@wbd-us.com, nedy WOMBLE BOND DICKINSON (US) P.O. BOX 7037	sent via US	5 Mail. wbd-us.com
Property Type Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will using a fax number, in</i> Phone: Email: Correspondent Name	DATA be sent to f provideo	15668551 (310)820-5988 <i>the e-mail address first; if that is</i> <i>; if that is unsuccessful, it will be</i> 404-872-7000 3STZFipGroup@wbd-us.com, nedy WOMBLE BOND DICKINSON (US)	sent via US	5 Mail. wbd-us.com
Property Type Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will using a fax number, in</i> Phone: Email: Correspondent Name Address Line 1: Address Line 4:	DATA be sent to f provideo	15668551 (310)820-5988 the e-mail address first; if that is ; if that is unsuccessful, it will be 404-872-7000 3STZFipGroup@wbd-us.com, nedy WOMBLE BOND DICKINSON (US) P.O. BOX 7037	sent via US	5 Mail. wbd-us.com
Property Type Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will a</i> <i>using a fax number, in</i> Phone: Email: Correspondent Name Address Line 1: Address Line 4:	DATA be sent to f provideo : IUMBER:	15668551 (310)820-5988 <i>the e-mail address first; if that is</i> <i>; if that is unsuccessful, it will be</i> 404-872-7000 3STZFipGroup@wbd-us.com, nedy WOMBLE BOND DICKINSON (US) P.O. BOX 7037 ATLANTA, GEORGIA 30357-0037	sent via US	5 Mail. wbd-us.com
Property Type Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will i</i> <i>using a fax number, it</i> Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER	DATA be sent to f provideo : IUMBER:	15668551 (310)820-5988 the e-mail address first; if that is ; if that is unsuccessful, it will be 404-872-7000 3STZFipGroup@wbd-us.com, nedy WOMBLE BOND DICKINSON (US) P.O. BOX 7037 ATLANTA, GEORGIA 30357-0037 9936P235	sent via US	5 Mail. wbd-us.com
Property Type Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will a</i> <i>using a fax number, it</i> Phone: Email: Correspondent Name Address Line 1:	DATA be sent to f provideo : IUMBER:	15668551 (310)820-5988 the e-mail address first; if that is ; if that is unsuccessful, it will be 404-872-7000 3STZFipGroup@wbd-us.com, nedy WOMBLE BOND DICKINSON (US) P.O. BOX 7037 ATLANTA, GEORGIA 30357-0037 9936P235 ERIC S HYMAN	sent via US	5 Mail. wbd-us.com

source=9936P235-DeclAssign-Signed#page3.tif

Worldwide Assignment & US Declaration (37 CFR 1.63) for utility or design application using an application data sheet (37 CFR 1.76)

As a below named inventor, I hereby declare that, I

A	Inventor Name	Complete Address
	Jean-Christophe FONDEUR	c/o SAFRAN IDENTITY & SECURITY 11 BOULEVERT Galileet S2130 ISSY LES MOULINEAUX FRANCE

(Hereinafter referred to as the Assignor) have made an invention entitled:

Title of Invention (in English)

Method for generating a key and access control method

Title of Invention (in French)

Procédé de génération de clé et procédé de contrôle d'accès

for which an application for Letters Patent has been filed in the following country:

Country	Filing Date	Serial Number
FRANCE	August 4 ¹⁸ , 2016	3657573

The above-identified application(s) was/were 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.

AND, WHEREAS,

Complete Address
11 BLD GALDÉNI 92130 ISSY LES MODULINEAUX FRANCE

(Hereinafter referred to as the Assignee[s]) is/are desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the aforementioned applications for Letters Patent on this invention and the Letters Patent to be issued upon these applications;

NOW THEREFORE, be it known that for and in consideration of One EURO (CL.00) and other good and valuable consideration, the receipt and sufficiency of which from the Assignee[s] is hereby acknowledged, by these presents, I, the Assigner, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer and set over unto the Assignee[s], it//their lawful successors and assigns, my entire right, title, and interest in and to this invention and these applications, and all divisions, and continuations thereof, and all Letters Patent that may be granted thereon, and all reissues thereof, and all rights to claim priority on these of such applications, and all applications for Letters Patent that may be granted for this invention in any country and all Letters Patent that may be granted on this invention in any country, and all extensions, renewals, and reissues thereof; and I hereby authorize and request the Commissioners of Patents (or other appropriate official whose duty is to issue patents) of the United States, Cauada, and any other country, to issue Letters Patent for this invention to the Assignee[s], its/their successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will communicate with the Assignee[s]. its/their successors and assigns, any facts known to me respecting this invention, testify in any legal proceedings, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee[s], its/their successors or assigns, execute all divisional, continuation, reissue, and reexamination applications, make all rightful oaths and generally do everything possible to aid the Assignee[s], its/their successors and assigns, to obtain and enforce proper patent protection for this invention in any country, it being understood that, irrespective of whether I am in the employ of the Assignee[s] or its/their affiliates, any expense incident to the performance of the obligations of the present paragraph shall be borne by the Assignee[s], its/their successors, and assigns.

This Assignment agreement is effective as of the earliest filing date mentioned above.

AND, I/WE 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.

IN TESTIMONY WHEREOF, I HAVE SIGNED:

Date	Place	Inventor Name & Signature	Witness Name & Signature
22nd March	Jary has	Jean-Christophe FOADSUII	Houshria Rangan
20 38		1 Alexandre	a

PATENT REEL: 048271 FRAME: 0315

Worldwide Assignment & US Declaration (37 CFR 1.63) for utility or design application using an application data sheet (37 CFR 1.76)

As a below named inventor, I hereby declare that, I

inventor Name	Complete Address
Hervé CMABANNE	C/O SAFRAN IDENTITY & SECURITY 23 BOURDARD Galilent 92130 (SEY LES MOULINEAUX FRANCE

(Hereinafter referred to as the Assignor) have made an invention entitled.

Title of Invention (in English)

Method for generating a key and access control method

Title of Invention (in French)

Procédé de génération de clé et procédé de contrôle d'accès

for which an application for Letters Patent has been filed in the following country:

Country	Filing Date	Seriai Number
FRANCE	August 44, 2015	1857373

The above-identified application(s) was/were 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.

AND, WHEREAS,

 Corporation Name	Complete Address
SAFBAN IDENTITY & SECURITY	11 ELO GALLIÉNI 92130 ESY LES MOULINEAUX FRANCE

(Hereinafter referred to as the Assignee[s]) is/are desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the aforementioned applications for Letters Patent on this invention and the Letters Patent to be issued upon these applications;

NOW THEREFORE, be it known that for and in consideration of One EURO (£1.00) and other good and valuable consideration, the receipt and sufficiency of which from the Assignee[s] is hereby acknowledged, by these presents, I, the Assigner, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer and set over unto the Assignee[s], its/their lawful successors and assigns, my entire right, title, and interest in and to this invention and these applications, and all divisions, and continuations thereof, and all Letters Patent that may be granted thereon, and all reissues thereof, and all rights to claim priority on these of such applications, and all applications for Letters Patent that may be granted for this invention in any country and all Letters Patent that may be granted on this invention in any country, and all extensions, renewals, and reissues thereof, and all tetters Patents (or other appropriate official whose duty is to issue patents) of the United States, Canada, and any other country, to issue Letters Patent for this invention to the Assignee[s], its/their successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will communicate with the Assignee[s], its/their successors and assigns, any facts known to me respecting this invention, testify in any legal proceedings, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee[s], its/their successors or assigns, execute all divisional, continuation, reissue, and reexamination applications, make all rightful oaths and generally do everything possible to aid the Assignee[s], its/their successors and assigns, to obtain and enforce proper patent protection for this invention in any country, it being understood that, irrespective of whether I am in the employ of the Assignee[s] or its/their affiliates, any expense incident to the performance of the obligations of the present paragraph shall be home by the Assignee[s], its/their successors, and assigns.

This Assignment agreement is effective as of the earliest filing date mentioned above.

AND, I/WE 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.

IN TESTIMONY WHEREOF, I HAVE SIGNED.

Date	Place	Inventor Name & Signature	Witness Nome & Signature
27 Giver	lssy	Hervé CHARANNE	At

PATENT REEL: 048271 FRAME: 0316

REEL: 048271 FRAME: 0317

Worldwide Assignment & US Declaration (37 CFR 1.63) for utility or design application using an application data sheet (37 CFR 1.76)

As a below named inventor, I hereby declare that, I

	Inventor Nome	Complete Address
-	Julien BRINGER	C/O SAFRAN IDENTITY & SECURITY 11 BOUIEVARI Galijeni 92130 ISSY LES MOULINEAUX
		FRANCE

(Hereinafter referred to as the Assignor) have made an invention entitled:

Title of Invention (in English)

Method for generating a key and access control method

Title of Invention (in French)

Procédé de génération de clé et procédé de contrôle d'accès

for which an application for Letters Patent has been filed in the following country:

- 3	Countery .	Filina Date	Serial Number
	X 33 G G 27 37	August 4 ¹⁶ , 2016	1657573

The above-identified application(s) was/were 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.

AND, WHEREAS,

Corporation Name	Complete Address
SÁFRAN IDENTITY & SECURITY	11.8LD GALLIÉNI 92330 ISSY LES MOULINEAUX FRANCE

(Hereinafter referred to as the Assignee[5]) is/are desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the alorementioned applications for Letters Patent on this invention and the Letters Patent to be issued upon these applications;

NOW THEREFORE, be it known that for and in consideration of One EURO (£1.00) and other good and valuable consideration, the receipt and sufficiency of which from the Assignee(s) is hereby acknowledged, by these presents, I, the Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer and set over unto the Assignee(s), its/their lawful successors and assigns, my entire right, title, and interest in and to this invention and these applications, and all divisions, and continuations thereof, and all Letters Patent that may be granted thereon, and all reissues thereof, and all rights to claim priority on these of such applications, and all applications for Letters Patent that may hereafter be filed for this invention in any country and all Letters Patent that may be granted on this invention in any country, and all extensions, renewals, and reissues thereof; and I hereby authorize and request the Commissioners of Patents (or other appropriate official whose duty is to issue patents) of the United States, Canada, and any other country, to issue Letters Patent for this invention to the Assignee(s), its/their successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will communicate with the Assignee[s], its/their successors and assigns, any facts known to me respecting this invention, testify in any legal proceedings, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee[s], its/their successors or assigns, execute all divisional, continuation, reissue, and reexamination applications, make all rightful oaths and generally do everything possible to aid the Assignee[s], its/their successors and assigns, to obtain and enforce proper patent protection for this invention in any country, it being understood that, irrespective of whether I am in the employ of the Assignee[s], its/their successors, and assigns, and assigns, affiliates, any expense incident to the performance of the obligations of the present paragraph shall be borne by the Assignee[s], its/their successors, and assigns.

This Assignment agreement is effective as of the earliest filing date mentioned above.

AND, I/WE 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.

IN TESTIMONY WHEREOF, I HAVE SIGNED:

Date	Place	Inventor Name & Signature	Witness Name & Signature
2518 2518	I SS Y	L De	Maud Poisevin
			PATENT

RECORDED: 02/07/2019