PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
ERIC DESMICHT	02/06/2014
OLIVIER COURTAY	03/06/2013
RENAUD RIGAL	03/02/2014

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14191435	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	PF120145	
NAME OF SUBMITTER: PATRICIA A. VERLANGIERI		
SIGNATURE: /Patricia A. Verlangieri, Reg No. 42201/		
DATE SIGNED:	09/25/2014	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 4

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DECLARATION

Docket No. PF120145

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I believe I am the original inventor or an original joint inventor of the subject matter which
the invention antitled

is claimed and for which a patent is sought on

Device for generating an encrypted key and method for providing an encrypted key to a receiver as Application Social No. the specification of which was filed on

and was amended on es Approxion Serial No.
, or, if not identified here by filing date and serial number, is attached hereto.

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

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-inpart applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful felse statements and the like so made are punishable by fine or imprisonment of not more than five (5) years, or both, under 18 USC 1001.

assignment and agreement in an application for letters patent

For valuable consideration received, I hereby sell, assign and transfer to Thomson Licensing, a corporation duly organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations releases and extensions thereof.

I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful paths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees

agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to movie and claim to any application for patent or other form of protection for said inventions fied by it or them, the benefit of the right of priority provided by the International Convention for the Protection of industrial Property, as amended, or by any convention which may henceforth be substituted to 3, and to invoke and claim such right of priority without further written or oral authorization from me

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to fixe or lake document which may be required in any country for any purpose and more particularly in proof of the right of the said corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the international Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it

i covenant with Thomson Licensing, its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, lifte and interest herein conveyed by me are free and clear of any encumbrance, and that I have tue right to convey the same as herein expressed.

Signed at	Rennes	Date	Thursday & Ebruary 2019
Inventor Name	Eric DESMICHT (Type or Print)	<u></u>	(Signature in Full - No Initials)
Post Office Address	16 rue du Champ Méloin - 35253 THORIGI	NE-FOUI	LLARD - FRANCE
1 st Witness	Jean François LAGARDER (Type or Print)	'E	(Signature in Full - No Initials)
2 [™] Witness	Sino Vauga (Type or Print)		(Signafule in Rull - No Histais)

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1st Witness

2nd Witness

DECLARATION

Dockel No. PF120145

As a below named inventor, I heraby declare that:
I believe I am the original inventor or an original joint inventor of the subject matter which is claimed and for which a patent is sought on Device for generating an encrypted key and method for providing an encrypted key to a receiver the specification of which was filed on as Application Serial No. and was amended on , or, if not identified here by filing date and serial number, is attached hereto. The above-identified application was made or authorized to be made by me. I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-inpart applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful faise statements and the like so made are punishable by fine or imprisonment of not more than five (5) years, or both, under 18 USC 1001. ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT For valuable consideration received, it hereby sell, assign and transfer to Thomson Licensing, a corporation duty organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues and extensions thereof. I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries. and at countries.

I suthorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the international Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and dain such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file and the protection of the gold of the said convention or or like document which may be required in any country for any purpose and more particularly in proof of the right of the said corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it. I covenant with Thomson Licensing, its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed. Signed at Date Inventor Name Olivier COURTAY (Type or Print) N6 Initlais) Post Office 68 route de Vezin - 35000 RENNES - FRANCE Address Gad GRUNCHEC (Type or Print)

(Signature in Full - No Initials)

(Signature in Full -- No Initials)

1" Witness

As a below named inventor, I hereby declare that: I believe I am the original inventor or an original joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled Device for generating an encrypted key and method for providing an encrypted key to a receiver the specification of which was filed on as Application Serial No. and was amended on , or, if not identified here by filing date and serial number, is attached hereto. The above-identified application was made or authorized to be made by me. I have reviewed and understand the contents of the above identified specification, including the claims; as amended by any amendment referred to above. amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment of not more than five (5) years, or both, under 18 USC 1001. assignment and agreement in an application for letters patent For valuable consideration received, I hereby sell, assign and transfer to Thomson Licensing, a corporation duly organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, relessues and extensions thereof. agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees. I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries. authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the international Convention for the Protection of industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it. I covenant with Thomson Licensing, its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed. 03/02/2014 Date Signed at Inventor Name Renaud RIGAL (Type or Print) (Signature in Full - No Initials) Post Office Technicolor R&D France - 975 avenue des Champs Blancs - ZAC des Champs Blancs -Address CS 176 16 - 35576 CESSON SÉVIGNÉ - FRANCE

(Signature in Full - No Initials)

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Customer No. 24498

DECLARATION

Docket No. PF120145

2[™] Witness

SOURISSEAU Freddic

(Type or Print)

(Signature in Full - No Initials)

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RECORDED: 09/25/2014