

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4446160

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KARINE VILLEGAS	05/11/2015
FABRICE PERION	05/04/2015
SYLVAIN LEVEQUE	05/12/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GEMALTO SA
<b>Street Address:</b>	6 RUE DE LA VERRERIE
<b>City:</b>	MEUDON
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	F-92190
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15533476
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)836-7419
<i>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.</i>	
<b>Phone:</b>	7038366620
<b>Email:</b>	beverly.caraway@bipc.com
<b>Correspondent Name:</b>	BUCHANAN INGERSOLL & ROONEY P.C.
<b>Address Line 1:</b>	P.O. BOX 1404
<b>Address Line 4:</b>	ALEXANDRIA, VIRGINIA 22313-1404
<b>ATTORNEY DOCKET NUMBER:</b>	1032326-000748
<b>NAME OF SUBMITTER:</b>	BEVERLY A. CARAWAY
<b>SIGNATURE:</b>	/Beverly A. Caraway/
<b>DATE SIGNED:</b>	06/06/2017
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 6</b>	
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# ASSIGNMENT

## (JOINT)

THIS ASSIGNMENT, by

VILLEGAS Karine

PERION Fabrice

LEVEQUE Sylvain

(hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in  
METHOD TO EXECUTE A SENSITIVE COMPUTATION USING MULTIPLE DIFFERENT AND INDEPENDENT BRANCHES

set forth in Priority European Patent Application N° 14306987.0, filed on  
December 10, 2014, and its corresponding PCT International Application.

WHEREAS, GEMALTO SA, a corporation duly organized under and pursuant to  
the laws of France and having a principal place of business at

6 rue de la Verrerie - 92190 MEUDON - FRANCE

(hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and  
interest in and to said inventions, the right to file applications on said inventions and the entire right,  
title and interest in and to any applications, including applications for Letters Patent of the United  
States or other countries claiming priority from said application, and in and to any Letters Patent or  
Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby  
acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents  
do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and  
assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file  
applications on said inventions and the entire right, title and interest in and to any applications for  
Letters Patent of the United States or other countries claiming priority from said application, and any  
and all Letters Patent or Patents of the United States of America and all foreign countries that may be  
granted therefor and thereon, and in and to any and all applications claiming priority from said  
application, divisions, continuations, and continuations-in-part of said applications, and reissues and  
extensions of said Letters Patent or Patents, and all rights under the International Convention for the  
Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use  
and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full  
end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as  
the same would have been held and enjoyed by the Assignors had this sale and assignment not been  
made:

AND for the same consideration, the Assignors hereby covenant and agree to and with the  
Assignee, its successors, legal representatives, and assigns, that, at the time of execution and  
delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and  
interest in and to the inventions set forth in said applications and said applications, including  
provisional applications, above-mentioned, and that the same are unencumbered, and that the  
Assignors have good and full right and lawful authority to sell and convey the same in the manner  
herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

DATE 11 mai 2015   
VILLEGAS Karine

DATE \_\_\_\_\_  
PERION Fabrice

DATE \_\_\_\_\_  
LEVEQUE Sylvain

DATE \_\_\_\_\_

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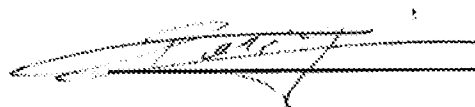
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DATE

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VILLEGAS Karine

DATE Aug, 4<sup>th</sup> 2015

  
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PERION Fabrice

DATE

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LEVEQUE Sylvain

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DATE

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VILLEGAS Karine

DATE

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PERION Fabrice

DATE

May 12<sup>th</sup> 2015

  
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LEVEQUE Sylvain

DATE

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