## 503701504 02/19/2016

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3748143

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SERGEY SMIRNOFF	01/19/2016
SOUMENDRA BHATTACHARYA	01/12/2016

#### **RECEIVING PARTY DATA**

Name:	VISA INTERNATIONAL SERVICE ASSOCIATION	
Street Address:	PO BOX 8999	
City:	SAN FRANCISCO	
State/Country:	CALIFORNIA	
Postal Code:	94128	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14985853

#### CORRESPONDENCE DATA

**Fax Number:** (415)576-0300

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:** 4155760200

Email: nbesada@kilpatricktownsend.com

Correspondent Name: KILPATRICK TOWNSEND & STOCKTON/VISA

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Address Line 2: 8TH FLOOR

Address Line 4: SAN FRANCISCO, CALIFORNIA 94111

<b>ATTORNEY DOCKET NUMBER:</b> 079900-0966815(1258US02)	
NAME OF SUBMITTER: NARISSA M. BESADA	
SIGNATURE: /Narissa M. Besada/	
DATE SIGNED:	02/19/2016

### **Total Attachments: 2**

source=1258US02\_Signed\_Declaration\_Assignment\_Smirnoff\_etal\_079900-0966815#page1.tif source=1258US02\_Signed\_Declaration\_Assignment\_Smirnoff\_etal\_079900-0966815#page2.tif

PATENT 503701504 REEL: 037780 FRAME: 0323

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Docket Number   12880/902		
As the below named inventor, I bereby declare that:  This deckaration	Title of Invention	Hybrid Integration of Software Development Kit with Secure Execution Environment
The attached application, or is directed to:    United States application or PCT international application number 14968.853 filled on 31-08-2015   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 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.  WHEREAS, Visa International Service Association   WHEREAS, Visa International Service Association	Docket Number	1258US02
is directed to:    Vinited States application or PCT international application number tasses.33 field on 31-0e-2018   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 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.	As the below named in	oventor, I hereby declare that:
Legal United States application or PCT international application number 14/985 853 filed on 31-0ec/2015  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 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.  WHEREAS, Vasa International Service Association  hereinafter referred to as "ASSIONEE") having a place of business at:  P.O. Box 8996. San Francisco, CA, 94128, United States of America  desires to acquire the entire right, title and interest in said invention and the above-identified United States patent application;  NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-identified United States patent application and reissues, extensions and renewals of Letters Patent granted thereon, and in all corresponding patent applications and reissues, extensions and renewals of Letters Patent granted thereon, and in all corresponding patent applications filed in countries foreign to the United States ("foreign countries") and corresponding international patent applications filed in countries foreign on any such patent application in the United States and foreign countries on said invention in its own name and the right to claim priority to the above-identified United States patent application under the terms of the international Convention and any other relevant teasities.  I hereby authorize and request the United States Patent & Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIONEE any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisiona		The attached application, or
I betieve that I am the original inventor or an original joint inventor of a claimed invention in the application.  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.  WHEREAS, Visa International Service Association  hereimafter referred to as "ASSIGNEE") having a place of business at:  P.O. Box 8999, San Francisco, CA, 94128, United States of America.  desires to acquire the entire right, title and interest in said invention and the above-identified United States patent application;  NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, and reissues, extensions and renewals of Letters Patent granted thereon, and in all corresponding anent applications filed in countries foreign to the United States ("foreign countries") and corresponding international patent applications, and in all Letters Patents issuing on any such patent applications in the United States and foreign countries on said invention in its own name and the right to claim priority to the above-identified United States patent application under the terms of the International Convention and any other relevant treaties;  I hereby authorize and request the United States Patent & Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted; and  Further, I agree that, without further consideration, I will communicate to the ASSIGNEE any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execut	is directed to:	7.7
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.  WHEREAS, Visa International Service Association  hereinafter referred to as "ASSIGNEE") having a place of business at:  P.O. Box 8999. San Francisco, CA, 94128, United States of America  desires to acquire the entire right, title and interest in said invention and the above-identified United States patent application;  NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, and reissues, extensions and renewals of Letters Patent granted thereon, and in all corresponding patent applications, and in countries foreign to the United States ("foreign countries") and corresponding international patent applications, and in all terters Patents issuing on any such patent applications in the United States and foreign countries on said invention in its own name and the right to claim priority to the above-identified United States patent application under the terms of the International Convention and any other relevant treaties:  I hereby authorize and request the United States Patent & Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignce of my entire right, title and interest in and to the same, for the sole use and behoof of the ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of the ASSIGNEE, is successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted; and  Further, I agree that, without further consideration, I will communicate to the ASSIG	The above-identified a	pplication was made or authorized to be made by me.
where the not more than five (5) years, or both.  WHEREAS, Visa International Service Association  hereinafter referred to as "ASSIGNEE") having a place of business at:  P.O. Box 8998, San Francisco, CA, 94128, United States of America  desires to acquire the entire right, title and interest in said invention and the above-identified United States patent application;  NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, and reissues, extensions and renewals of Letters Patent granted thereon, and in all corresponding patent applications filed in countries foreign to the United States ("foreign countries") and corresponding international patent applications, and in all Letters Patents issuing on any such patent applications in the United States and foreign countries.  I hereby assign to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its own name and the right to claim priority to the above-identified United States patent application under the terms of the International Convention and any other relevant treaties;  I hereby authorize and request the United States Patent & Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of the ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted; and  Further, I agree that, without further consideration, I will communicate to the ASSIGNEE any facts known to me respecting	I believe that I am the	original inventor or an original joint inventor of a claimed invention in the application.
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application;  NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged. I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, and reissues, extensions and renewals of Letters Patent granted thereon, and in all corresponding patent applications filed in countries foreign to the United States ("foreign countries") and corresponding international patent applications, and in all Letters Patents issuing on any such patent applications in the United States and foreign countries;  I hereby assign to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its own name and the right to claim priority to the above-identified United States patent application under the terms of the International Convention and any other relevant treaties;  I hereby authorize and request the United States Patent & Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted; and  Further, I agree that, without further consideration, I will communicate to the ASSIGNEE any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal and reissue applications, execute all necessary assignment papers to cause said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, its successors and assigns, to obtain and enforce Letters Patent for said invention in the United States and foreign c	hereinafter referred to as "ASSIGNEE") having a place of business at: P.O. Box 8999, San Francisco, CA, 94128, United States of America	
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own name and the right to claim priority to the above-identified United States patent application under the terms of the International Convention and any other relevant treaties;  I hereby authorize and request the United States Patent & Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted; and  Further, I agree that, without further consideration, I will communicate to the ASSIGNEE any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal and reissue applications, execute all necessary assignment papers to cause said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, its successors and assigns, to obtain and enforce Letters Patent for said invention in the United States and foreign countries.  LEGAL NAME OF INVENTOR  Inventor: Sergey Smirnoff  Date:	identified United State and reissues, extension in countries foreign to all Letters Patents issu	es patent application and in all divisions, continuations and continuations-in-part of said application, ns and renewals of Letters Patent granted thereon, and in all corresponding patent applications filed the United States ("foreign countries") and corresponding international patent applications, and in ing on any such patent applications in the United States and foreign countries;
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Inventor: Sergey Smirnoff  Date: 19/2016	respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal and reissue applications, execute all necessary assignment papers to cause said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE,	
Inventor: Sergey Smirnoff  Date: 19/2016	TECAL NAME OF	INVENTOR
Signature: \(\begin{array}{c} \langle \beta \\ \end{array}\\ \end{array}	. 1/19/2~18	
A Section 1	Signature:	1894/ <u> </u>

PATENT REEL: 037780 FRAME: 0324

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	Hybrid Integration of Software Development Kit with Secure Execution Environment	
Docket Number	125%US02	
As the below named in	ventor, I hereby declare that:	
This declaration	The attached application, or	
is directed to:	United States application or PCT international application number  14/985,853 filed on 31-Dec-2015	
The above-identified a	pplication 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.	
	that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine timore than five (5) years, or both.	
WHEREAS,	Visa International Service Association	
hereinafter referred to as "ASSIGNEE") having a place of business at: P.O. Box 8999, San Francisco, CA, 94128, United States of America		
desires to acquire the application;	entire right, title and interest in said invention and the above-identified United States patent	
acknowledged, I herel identified United State and reissues, extension in countries foreign to	EFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby by assign to the ASSIGNEE, the entire right, title and interest in said invention and in the aboves patent application and in all divisions, continuations and continuations-in-part of said application, as and renewals of Letters Patent granted thereon, and in all corresponding patent applications filed the United States ("foreign countries") and corresponding international patent applications, and in ing on any such patent applications in the United States and foreign countries;	
I hereby assign to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its own name and the right to claim priority to the above-identified United States patent application under the terms of the International Convention and any other relevant treaties;		
I hereby authorize and request the United States Patent & Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted; and		
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\$ \$7\C\ \$ \$ \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	R.W.ENTEAB	
LEGAL NAME OF		
Inventor: Soumendra	Bhattacharya Date: O//15/2016	
Signature: <del>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</del>	Machaya	

**RECORDED: 02/19/2016** 

PATENT REEL: 037780 FRAME: 0325