PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2911425

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VISHWANATH SHASTRY	04/17/2014
MARC BLUM	04/16/2014
AYMAN HAMMAD	04/17/2014
EDWARD KATZIN	05/30/2014
THOMAS PURVES	04/16/2014
JULIAN HUA	06/22/2014

RECEIVING PARTY DATA

Name:	VISA INTERNATIONAL SERVICE ASSOCIATION	
Street Address: P.O. BOX 8999, MS M1-11F		
City:	SAN FRANCISCO	
State/Country:	CALIFORNIA	
Postal Code:	94128-8999	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14242403

CORRESPONDENCE DATA

Fax Number: (212)755-7306

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.

Email: erosenfelder@JonesDay.com

JONES DAY Correspondent Name:

Address Line 1: 222 EAST 41ST STREET

Address Line 4: NEW YORK, NEW YORK 10017

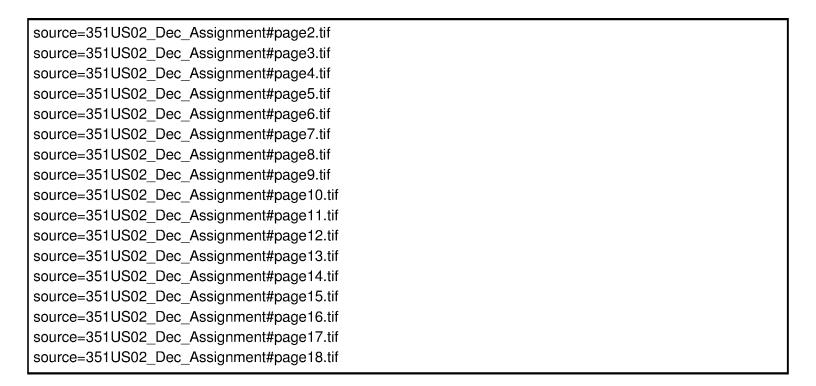
ATTORNEY DOCKET NUMBER:	351US02; 236474-999103
NAME OF SUBMITTER: MATTHEW W. JOHNSON	
SIGNATURE:	/Matthew W. Johnson/
DATE SIGNED:	06/24/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 18

source=351US02 Dec Assignment#page1.tif

REEL: 033167 FRAME: 0147 502864828

PATENT



PATENT REEL: 033167 FRAME: 0148

WHEREAS, WE, Vishwanath Shastry, citizen of the United States, having a mailing address of 2701 Ramos Court, Mountain View, CA, 94040, United States, residing at Mountain View, CA, United States, and Marc Blum, citizen of the United States, having a mailing address of 271 W. 40th Avenue, San Mateo, CA, 94403, residing at San Mateo, CA, United States, and Ayman Hammad, citizen of the United States, having a mailing address of 6981 Corte Mercado, Pleasanton, CA, 94566, United States, residing at Pleasanton, CA, United States, and Edward Katzin, citizen of the United States, having a mailing address of 195 Bella Vista Drive, Hillsborough, CA 94010, United States, residing at Hillsborough, CA, United States, and Thomas Purves, citizen of the United States, having a mailing address of 791 Ashbury Street, San Francisco, CA, 94117, United States, residing at San Francisco, CA, United States, and Julian Hua, citizen of the United States, having a mailing address of 1 Duarte Ct, Moraga, CA, 94556, United States, residing at Moraga, CA, United States, as inventors of the invention in E-WALLET STORE INJECTION SEARCH APPARATUSES, METHODS AND SYSTEMS, for which an application for a patent of the United States has been filed,

Which is identified by Jones Day docket no. 351US02; 236474-999103	
Which was filed on April 1, 2014, Application No. 14/242,403	
We hereby authorize and request attorney(s) at Jones Day, to insert here in parentheses (Application number filed) the filing date and application number of said application when known.	
As above-named inventors, each of us hereby declares that:	
This declaration is directed to:	
☐ The attached application,	
OR	
☑ United States Application Number or PCT international number 14/242,403 filed on April 1, 2014.	ė
The above-identified application was made or authorized to be made by me.	
I believe I am 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 imprisonment of not more than five (5) years, or both.	I U.S.C. 1001 by fine of
Authorization to Permit Access to Application by Participating Office	

☑ If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (IPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, IPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified patent application is filed to have access to the above-identified patent application.

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In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filling the Authorization to Permit Access to Application by Participating Offices.

and WHEREAS, VISA INTERNATIONAL SERVICE ASSOCIATION, a corporation organized and existing under the laws of the state of California, and having an office for the transaction of business at P.O. Box 8999, M1-11F, San Francisco, CA, 94128-8999, ASSIGNEE, is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement;

	Application AND WE I d, and will no	HEREBY cos	42,403 venant and agree agreement in co	e that v	we have full right to co herewith.	onvey the entire in	terest herein assig	ned, and that we	: have not
and assi					that we will communic on, and testify in any le				
continu success	ing, reissue a ors, legal repr	nd foreign a esentatives an	pplications, mal d assigns, to ob	ce all r tain and	ightful oaths, and gen	erally do everythi	ng possible to aid on in all countries	the said ASSIC	INEE, its
IN TES	TIMONY WE	IEREOF, We	hereunto set ou	r hands	and seals the day and y	ear set opposite ou	ır respective signa	tures.	
Date	April	17	, 20	14	Nishwanath Shasti			ekkanancea ka karanga ja ja dan gan yaj	L.S.
Date	de de la compansión de la		,201	4	Mare Blum		de la companya de la		L.S.
Date			, 20	4.	Ayman Hammad				L.S.

Edward Katzin

, 2014

L.S.

Date	, 2014	L.S
	Thomas Purves	
Date	2014	1.8

Julian Hua

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⊠which is	identified by Jones Day docket no. 351US02; 236474-999103
Zwhich w	as filed on April 1, 2014, Application No. 14/242,403
□We here filed	by authorize and request attorney(s) at Jones Day, to insert here in parentheses (Application number) the filing date and application mumber of said application when known.
As above-n	named inventors, each of us hereby declares that:
T	his declaration is directed to:
	The attached application,
C	OR.
Ę	2 United States Application Number or PCT international number 14/242,403 filed on April 1, 2014.
T	he above-identified application was made or authorized to be made by me.
1	believe I am an original joint inventor of a claimed invention in the application.
	hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or apprisonment of not more than five (5) years, or both.

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In accordance with 37 CFR 1.14(e), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

and WHEREAS, VISA INTERNATIONAL SERVICE ASSOCIATION, a corporation organized and existing under the laws of the state of California, and having an office for the transaction of business at P.O. Box 8999, M1-11F, San Francisco, CA, 94128-8999, ASSIGNEE, is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNOEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement;

	oplication No. 14/242,40 AND WE HEREBY covenant a and will not execute, any agreem	nd agree that v	we have full right to convey the entire interest herein assigned, and that we hatherewith.	ve not
and assign	AND WE HEREBY further cove s, any facts known to us respecti	mant and agree ng said inventio	that we will communicate to the said ASSIGNEE, its successors, legal represent on, and testify in any legal proceeding, sign all lawful papers, execute all division	tatives al,
continuing successors	, reissue and foreign application, legal representatives and assign	ns, make all r s, to obtain and	ightful oaths, and generally do everything possible to aid the said ASSIGNE tenforce proper protection for said invention in all countries.	ÉE, its
IN TESTIN	MONY WHEREOF, We hereund	o set our hands	and seals the day and year set opposite our respective signatures.	8
Date	;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	, 2014	Vishwanath Shastry	L.S.
Date :	4/16/14	,2014	Marc Blum	L.S.
Date		_ ,2014	Ayman Hammad	Ĺ.S.

Edward Katzin

Date ______, 2014

U.S. Application No. 14/242,403

, 2014		L.S.
	Thomas Purves	
2014		L.S.
, 2014	Julian Hua	Las
	, 2014	Thomas Purves

WHEREAS, WE, Vishwanath Shastry, citizen of the United States, having a mailing address of 2701 Ramos Court, Mountain View, CA, 94040, United States, residing at Mountain View, CA, United States, and Marc Blum, citizen of the United States, having a mailing address of 271 W. 40th Avenue, San Mateo, CA, 94403, residing at San Mateo, CA, United States, and Ayman Hammad, citizen of the United States, having a mailing address of 6981 Corte Mercado, Pleasanton, CA, 94566, United States, residing at Pleasanton, CA, United States, and Edward Katzin, citizen of the United States, having a mailing address of 195 Bella Vista Drive, Hillsborrough, CA 94010, United States, residing at Hillsborrough, CA, United States, and Thomas Purves, citizen of the United States, having a mailing address of 791 Ashbury Street, San Francisco, CA, 94117, United States, residing at San Francisco, CA, United States, and Julian Hua, citizen of the United States, having a mailing address of 1 Duarte Ct, Moraga, CA, 94556, United States, residing at Moraga, CA, United States, are inventors of the invention in E-WALLET STORE INJECTION SEARCH APPARATUSES, METHODS AND SYSTEMS, for which an application for a patent of the United States has been filed.

Which is identified by Jones Day docket no. 351US02; 236474-999103
Which was filed on April 1, 2014, Application No. 14/242,403
We hereby authorize and request attorney(s) at Jones Day, to insert here in parentheses (Application number filed) the filing date and application number of said application when known.
As above-named inventors, each of us hereby declares that:
This declaration is directed to:
☐ The attached application,
OR
☑ United States Application Number or PCT international number 14/242,403 filed on April 1, 2014.
The above-identified application was made or authorized to be made by me.
I believe I am 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 of imprisonment of not more than five (5) years, or both.
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NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement;

AND WE HEREBY covenant and ag executed, and will not execute, any agreement in	gree that we conflict her	have full right to convey the entire interest herein assigned, and that we have rewith.	no
AND WE HEREBY further covenant and assigns, any facts known to us respecting sai	and agree the	at we will communicate to the said ASSIGNEE, its successors, legal representati and testify in any legal proceeding, sign all lawful papers, execute all divisional,	ive
continuing, reissue and foreign applications, n successors, legal representatives and assigns, to	nake all rigi obtain and e	ntful oaths, and generally do everything possible to aid the said ASSIGNEE, inforce proper protection for said invention in all countries.	, it:
IN TESTIMONY WHEREOF, We hereunto set	our hands at	nd seals the day and year set opposite our respective signatures.	
Date	2014	L. Vishwanath Shastry	.s.
Date	014	Marc Bium	.S.
Date 4/17/2014 .2	2014 _	Ayman Hammad L.	.S.

Edward Katzin

Date	, 2014	L.S.
	Thomas Purves	
Data	2014	1 8

Julian Hua

WHEREAS, WE, Vishwanath Shastry, citizen of the United States, having a mailing address of 2701 Ramos Court, Mountain View, CA, 94040, United States, residing at Mountain View, CA, United States, and Marc Blum, citizen of the United States, having a mailing address of 271 W. 40th Avenue, San Mateo, CA, 94403, residing at San Mateo, CA, United States, and Ayman Hammad, citizen of the United States, having a mailing address of 6981 Corte Mercado, Pleasanton, CA, 94566, United States, residing at Pleasanton, CA, United States, and Edward Katzin, citizen of the United States, having a mailing address of 1126 Masonic Avenue, San Francisco, CA, 94117, United States, residing at San Francisco, CA, United States, and Thomas Purves, citizen of the United States, having a mailing address of 719 Ashbury Street, San Francisco, CA, 94117, United States, residing at San Francisco, CA, United States, and Julian Hua, citizen of the United States, having a mailing address of 338 Spear Street, Unite 9E, San Francisco, CA, 94105, United States, residing at San Francisco, CA, United States, and Julian Hua, citizen of the United States, ASSIGNORS, are inventors of the invention in E-WALLET STORE INJECTION SEARCH APPARATUSES, METHODS AND SYSTEMS, for which an application for a patent of the United States has been filed,

hich is identified by Jones Day docket no. 351US02; 236474-999103	
hich was filed on April 1, 2014. Application No. 14/242,403	
/e hereby authorize and request attorney(s) at Jones Day, to insert here in parentheses (Application number,	filed
bove-named inventors, each of us hereby declares that:	
This declaration is directed to:	
☐ The attached application,	
OR	
☑ United States Application Number or PCT international number 14/242,403 filed on April 1, 2014.	
The above-identified application was made or authorized to be made by me.	
I believe I am 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 imprisonment of not more than five (5) years, or both.	e 01

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NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement;

U.S. Application No. 14	4/242,40	3
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AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional,

continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date	, 2014		L.S
		Vishwanath Shastry	<u> </u>
_	***		
Date	,2014	N.C. and This	L.S
		Marc Blum	

Date 30-May ,2014 L.S.

Ayman Hammad

L.S.

U.S. Application No. <u>14/242,403</u>

Date	, 2014		L.S
		Thomas Purves	
Date	, 2014		L.S
	, 2017	Julian Hua	

WHEREAS, WE, Vishwanath Shastry, citizen of the United States, having a mailing address of 2701 Ramos Court, Mountain View, CA, 94040, United States, residing at Mountain View, CA, United States, and Mare Blum, citizen of the United States, having a mailing address of 271 W. 40th Avenue, San Mateo, CA, 94403, residing at San Mateo, CA, United States, and Ayman Hammad, citizen of the United States, having a mailing address of 6981 Corte Mercado, Pleasanton, CA, 94566, United States, residing at Pleasanton, CA, United States, and Edward Katzin, citizen of the United States, having a mailing address of 195 Bella Vista Drive, Hillsborough, CA 94010, United States, residing at Hillsborough, CA, United States, and Thomas Purves, citizen of the United States, having a mailing address of 791 Ashbury Street, San Francisco, CA, 94117, United States, residing at San Francisco, CA, United States, and Julian Hua, citizen of the United States, having a mailing address of 1 Duarte Ct, Moraga, CA, 94556, United States, residing at Moraga, CA, United States, ASSIGNORS, are inventors of the invention in E-WALLET STORE INJECTION SEARCH APPARATUSES, METHODS AND SYSTEMS, for which an application for a patent of the United States been filed.

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This declaration is directed to:	
☐ The attached application,	
OR	
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I believe I am an original joint inventor of a claimed invention in the application.	
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and WHEREAS, VISA INTERNATIONAL SERVICE ASSOCIATION, a corporation organized and existing under the laws of the state of California, and having an office for the transaction of business at P.O. Box 8999, M1-11F, San Francisco, CA, 94128-8999, ASSIGNEE, is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement;

U.S. Application No. 14/242,403 AND WE HEREBY covenant and executed, and will not execute, any agreement		e have full right to convey the entire interest herein assigned, and that we have even the convey the entire interest herein assigned, and that we have full right to convey the entire interest herein assigned, and that we have	ive not
AND WE HEREBY further covens and assigns, any facts known to us respecting	ant and agree (said invention	that we will communicate to the said ASSIGNEE, its successors, legal represent, and testify in any legal proceeding, sign all lawful papers, execute all division	itatives ial,
continuing, reissue and foreign applications successors, legal representatives and assigns,	s, make all ri to obtain and	ghtful oaths, and generally do everything possible to aid the said ASSIGNI enforce proper protection for said invention in all countries.	EE, its
IN TESTIMONY WHEREOF, We hereunto	set our hands	and seals the day and year set opposite our respective signatures.	
Date	, 2014	Vishwanath Shastry	_ LS.
Date	,2014	Marc Blum	L.S.
Date	, 2014		L.S.
Construction of the Constr		Ayman Hammad	
Date	, 2014	Edward Katzin	L.S.

Date 04 (16	, 2014	Thomas Purves	LS
Date	, 2014	Julian Hus	LS

U.S. Application No. 14/242,403

WHEREAS, WE, Vishwanath Shastry, citizen of the United States, having a mailing address of 2701 Ramos Court, Mountain View, CA, 94040, United States, residing at Mountain View, CA, United States, and Marc Blum, citizen of the United States, having a mailing address of 271 W. 40th Avenue, San Mateo, CA, 94403, residing at San Mateo, CA, United States, and Ayman Hammad, citizen of the United States, having a mailing address of 6981 Corte Mercado, Pleasanton, CA, 94566, United States, residing at Pleasanton, CA, United States, and Edward Katzin, citizen of the United States, having a mailing address of 195 Bella Vista Drive, Hillsborough, CA 94010, United States, residing at Hillsborough, CA, United States, and Thomas Purves, citizen of the United States, having a mailing address of 791 Ashbury Street, San Francisco, CA, 94117, United States, residing at San Francisco, CA, United States, and Julian Hua, citizen of the United States, having a mailing address of 1 Duarte Ct, Moraga, CA, 94556, United States, residing at Moraga, CA, United States, ASSIGNORS, are inventors of the invention in E-WALLET STORE INJECTION SEARCH APPARATUSES, METHODS AND SYSTEMS, for which an application for a patent of the United States has been filed.

Which is identified by Jones Day docket no. 351US02; 236474-999103
✓ which was filed on April 1, 2014, Application No. 14/242,403
☐We hereby authorize and request attorney(s) at Jones Day, to insert here in parentheses (Application number, filed) the filing date and application number of said application when known.
As above-named inventors, each of us hereby declares that:
This declaration is directed to:
☐ The attached application.
OR
☑ United States Application Number or PCT international number 14/242,403 filed on April 1, 2014.
The above-identified application was made or authorized to be made by me.
I believe I am 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.
uthorization to Permit Access to Application by Participating Office

☑ If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified patent application is filed to have access to the above-identified patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application-as-filed, 2) any foreign application to which the above-identified application claims priority under 35 USC 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above-identified application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

and WHEREAS, VISA INTERNATIONAL SERVICE ASSOCIATION, a corporation organized and existing under the laws of the state of California, and having an office for the transaction of business at P.O. Box 8999, M1-11F, San Francisco, CA, 94128-8999, ASSIGNEE, is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNOEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement;

U.S. Application No. 14/242 AND WE HEREBY cover executed, and will not execute, any as	ant and agree that	we have full right to convey the entire interest herein assigned, and that we I herewith.	lave not
AND WE HEREBY further and assigns, any facts known to us re-	r covenant and agre specting said invent	that we will communicate to the said ASSIGNEE, its successors, legal repression, and testify in any legal proceeding, sign all lawful papers, execute all divisions.	entatives onal,
		rightful oaths, and generally do everything possible to aid the said ASSIGI and enforce proper protection for said invention in all countries.	NEE, its
IN TESTIMONY WHEREOF, We ha	ereunto set our hand	is and seals the day and year set opposite our respective signatures.	
Date	, 2014	Vishwanath Shastry	L.S.
Date	,2014	Marc Blum	LS.
Date	, 2014	Ayman Hammad	L.S.
Date	, 2014	Edward Katzin	_ L.S.

U.S. Application No. 14/242,403

Date	, 2014	Thomas Purves	L.S
Date (/22/14	. 2014	Julia Hua	L.S