

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	ASSIGNMENT				
CONVEYING PARTY DATA					
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Daniel Manges</td> <td>12/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	Daniel Manges	12/12/2012
Name	Execution Date				
Daniel Manges	12/12/2012				
RECEIVING PARTY DATA					
Name:	Braintree Payment Solutions, LLC				
Street Address:	111 N. Canal Street, Suite 455				
City:	Chicago				
State/Country:	ILLINOIS				
Postal Code:	60606				
PROPERTY NUMBERS Total: 1					
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13952899</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13952899
Property Type	Number				
Application Number:	13952899				
CORRESPONDENCE DATA					
Fax Number:	6175025002				
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>					
Phone:	617-248-5000				
Email:	PatentDocket@choate.com, clawlor@choate.com				
Correspondent Name:	CHOATE HALL & STEWART, LLP-PATENT DOCKET				
Address Line 1:	TWO INTERNATIONAL PLACE				
Address Line 4:	BOSTON, MASSACHUSETTS 02110				
ATTORNEY DOCKET NUMBER:	2010164-0012				
NAME OF SUBMITTER:	Natalie J. Grace				
Signature:	/Natalie J. Grace/				
Date:	07/29/2013				
This document serves as an Oath/Declaration (37 CFR 1.63).					

OP \$40.00 13952899

Total Attachments: 4

source=2010164_0012_Cmb_Assg_Dec#page1.tif

source=2010164_0012_Cmb_Assg_Dec#page2.tif

source=2010164_0012_Cmb_Assg_Dec#page3.tif

source=2010164_0012_Cmb_Assg_Dec#page4.tif

COMBINED ASSIGNMENT & DECLARATION

A. ASSIGNMENT

WHEREAS, I, **Daniel Manges** of Chicago, IL, am aware of the patent application entitled:

**DIFFERENTIAL CLIENT-SIDE ENCRYPTION OF INFORMATION
ORIGINATING FROM A CLIENT; and**

identified by United States Application Serial No. **13/633,106** filed in the United States Patent and Trademark Office on **October 1, 2012**; and

identified by International Patent Application No. **PCT/US2012/58371** filed on **October 1, 2012**; and

am also aware of the following priority application: **Serial No.: 61/541,875**;
Filed: September 30, 2011.

WHEREAS Braintree Payment Solutions, LLC (hereinafter "ASSIGNEE"), having a usual place of business at **111 N. Canal Street, Suite 455, Chicago, IL 60606**, desires to acquire or confirm an interest therein;

NOW, THEREFORE, to all whom it may concern be it known that, in consideration of agreements previously and duly entered into between the parties, and/or for other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned, and transferred and/or do hereby sell, assign, and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title, and interest in and throughout the United States of America, its territories and all foreign countries, in and to any and all inventions described in the patent application, and/or any priority applications noted above; and hereby confirm that my sale, assignment and transfer is and was effective at least as of the filing date of the patent application or any priority application, whichever is earliest. My sale, assignment and transfer applies to the above-referenced patent application, and to any application that is based in whole or in part on the patent application, including to divisional, continuing, substitute, renewal, reissue, reexamination and other applications, for example that claim priority to the patent application. Also, this sale, assignment and transfer pertains to any and all other rights arising under or pursuant to any and all international agreements, treaties, or laws relating to the protection of industrial property, including all rights of priority under the International Convention for the Protection of Industrial Property, and in and to any such patent(s) as may issue thereon including any and all original and reissued patents which have been or shall be issued in the United States and foreign countries; said inventions, applications, and patent(s) to be held and enjoyed by ASSIGNEE for its own use and for its successors, assigns and legal representatives, to the full end of the term for which said patent(s) may be granted as fully and

entirely as the same would have been held by me had this sale, assignment and transfer not been made;

AND, I hereby acknowledge that this Assignment, being of my entire right, title, and interest in and to the inventions, carries with it the right in ASSIGNEE, by attorneys and agents of ASSIGNEE selection, to apply for and receive any and all patent(s) for said inventions in its own name;

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the patent(s) to ASSIGNEE, its successors, assignees, and legal representatives, but at its expense and charges, including the execution of application for patents in foreign countries, the execution of substitution, reissue, divisional or continuation applications, and the giving of testimony, preliminary statements, or other statements in any interference or other proceeding in which the inventions or any applications or patents directed to the inventions may be involved by communicating to the ASSIGNEE all facts I know relating to the inventions and their history, and generally by doing everything possible which ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for the inventions and for vesting title in the inventions and all applications for patent and all patents on the inventions in ASSIGNEE;

AND, I further hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number(s) and/or filing date(s) into this assignment document, if appropriate;

AND, I hereby appoint ASSIGNEE as my common agent for purposes of prosecuting international patent applications and any national patent applications for which such common agency is recognized;

AND, I hereby request the Director of Patents and Trademarks of the United States to issue any and all patent(s) as shall be granted upon said application or applications based thereon to ASSIGNEE, its successors, assigns, and legal representatives;

AND, I covenant with said ASSIGNEE that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

B. DECLARATION (37 CFR 1.63)

As the below named inventor, I hereby declare that:

This declaration is directed to the patent application entitled:

**DIFFERENTIAL CLIENT-SIDE ENCRYPTION OF INFORMATION ORIGINATING
FROM A CLIENT; and**

identified by United States Application Serial No. **13/633,106** filed in the United States Patent and Trademark Office on October 1, 2012; or


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.

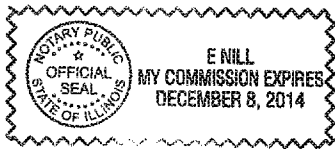
I have reviewed and understand the contents of the application, including the claims and am aware of the duty to disclose to the United States Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR 1.56.

SIGNED this 12 day of December, 2012


Name: Daniel Manges

STATE OF IL
COUNTY OF Cook SS.

Before me this 12 day of December, 2012, personally appeared **Daniel Manges**, and proved to me through satisfactory evidence of identity which was IL DL to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth



NOTARY PUBLIC
[Signature]
Name: Emily Nill
My Commission Expires: 12/8/2014