

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2727151

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>THOMAS E. RAFFERTY</td> <td>02/13/2014</td> </tr> <tr> <td>CHRISTOPHER S. POSTELL</td> <td>10/31/2012</td> </tr> <tr> <td>BRYAN T. BAILEY</td> <td>02/13/2014</td> </tr> </tbody> </table>		Name	Execution Date	THOMAS E. RAFFERTY	02/13/2014	CHRISTOPHER S. POSTELL	10/31/2012	BRYAN T. BAILEY	02/13/2014
Name	Execution Date								
THOMAS E. RAFFERTY	02/13/2014								
CHRISTOPHER S. POSTELL	10/31/2012								
BRYAN T. BAILEY	02/13/2014								
RECEIVING PARTY DATA									
Name:	VANTIV, LLC								
Street Address:	8500 GOVERNORS HILL DRIVE								
City:	CINCINNATI								
State/Country:	OHIO								
Postal Code:	45249								
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>13599538</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13599538				
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Application Number:	13599538								
CORRESPONDENCE DATA									
Fax Number:	(513)698-5127								
Phone:	5136985126								
Email:	dhaugh@ulmer.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
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ATTORNEY DOCKET NUMBER:	35777-0037								
NAME OF SUBMITTER:	LUCAS V. HAUGH								
Signature:	/Lucas V. Haugh/								

Date:

02/14/2014

Total Attachments: 4

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ASSIGNMENT

WHEREAS, WE, **Thomas E. Rafferty**, a citizen of the United States, residing in Cincinnati, Ohio, **Bryan T. Bailey**, a citizen of the United States, residing in Florence, Kentucky, and **Christopher S. Postell**, a citizen of the United States, residing in Columbus, GA, (hereinafter referred to as "ASSIGNORS"), have invented **SYSTEMS, METHODS AND APPARATUS FOR PAYMENT PROCESSING**, for which an application for Letters Patent of the United States was filed on August 30, 2012 with an application number of 13/599,538; and

WHEREAS, **VANTIV, LLC**, whose mailing address is 8500 Governors Hill Drive, Cincinnati, Ohio 45249, a limited liability company duly organized and existing under the laws of Delaware (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire interest therein.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, We, said ASSIGNORS, hereby sell, assign, and transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under said invention, and 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, reexaminations and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter 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 and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals, reexaminations and reissues thereof.

ASSIGNORS HEREBY authorize and request the Director of the United States Patent and Trademark Office, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

ASSIGNORS HEREBY grant the firm of **ULMER & BERNE LLP** the power to insert in this Assignment any further identification or information which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

ASSIGNORS HEREBY covenants and agrees that they have full right to convey the entire interest herein assigned, and that they has not executed, and will not execute, any agreement in conflict herewith.

ASSIGNORS HEREBY further covenant and agree that they will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to them respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, reexamination and foreign applications, make all rightful oaths, and

generally do everything possible to aid said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

Dated: _____

Thomas E. Rafferty

STATE OF _____)

) SS

COUNTY OF _____)

Sworn to and subscribed before me this _____ day of _____, 20____.

Notary Public

Dated: 10/31/12

Christopher S. Postell

STATE OF _____)

) SS

COUNTY OF _____)

Sworn to and subscribed before me this _____ day of _____, 20____.

Notary Public

Dated:

2/13/11

ry T. Bailey

STATE OF _____)

) SS

COUNTY OF _____)

Sworn to and subscribed before me this _____ day of _____, 20____.

Notary Public