

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3386618

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ENTITY NAME previously recorded on Reel 028821 Frame 0914. Assignor(s) hereby confirms the ASSIGNMENT.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LAWRENCE T. BELTON	07/27/2012
BRIAN BEATY	07/31/2012
TIMOTHY H. MORRIS	07/27/2012
DOUGLAS S. RODGERS	08/08/2012
LYNN ALLEN SMITH	08/21/2012
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WELLS FARGO BANK, N.A.
<b>Street Address:</b>	301 SOUTH COLLEGE STREET
<b>City:</b>	CHARLOTTE
<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	28288
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13584406
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(216)586-6758
<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>	216-586-6650
<b>Email:</b>	patents@keglerbrown.com
<b>Correspondent Name:</b>	JAMES J. PINGOR
<b>Address Line 1:</b>	600 SUPERIOR AVENUE
<b>Address Line 2:</b>	SUITE 2510
<b>Address Line 4:</b>	CLEVELAND, OHIO 44114
<b>ATTORNEY DOCKET NUMBER:</b>	106750.40US
<b>NAME OF SUBMITTER:</b>	JAMES J. PINGOR
<b>SIGNATURE:</b>	/James J. Pingor/
<b>DATE SIGNED:</b>	06/08/2015

**Total Attachments: 7**

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## 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>Lawrence T Belton</td><td>07/27/2012</td></tr><tr><td>Brian Beaty</td><td>07/31/2012</td></tr><tr><td>Timothy H Morris</td><td>07/27/2012</td></tr><tr><td>Douglas S Rodgers</td><td>08/02/2012</td></tr><tr><td>Lynn Allen Smith</td><td>08/21/2012</td></tr></tbody></table>	Name	Execution Date	Lawrence T Belton	07/27/2012	Brian Beaty	07/31/2012	Timothy H Morris	07/27/2012	Douglas S Rodgers	08/02/2012	Lynn Allen Smith	08/21/2012	
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Brian Beaty	07/31/2012												
Timothy H Morris	07/27/2012												
Douglas S Rodgers	08/02/2012												
Lynn Allen Smith	08/21/2012												
RECEIVING PARTY DATA													
Name:	Wells Fargo, N.A.												
Street Address:	301 South College Street												
City:	Charlotte												
State/Country:	NORTH CAROLINA												
Postal Code:	28288												
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>13584406</td></tr></tbody></table>	Property Type	Number	Application Number:	13584406									
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Application Number:	13584406												
CORRESPONDENCE DATA													
Fax Number:	2165866758												
Phone:	216-586-6650												
Email:	patents@keglerbrown.com												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	James Pingor												
Address Line 1:	600 Superior Avenue												
Address Line 2:	Suite 2510												
Address Line 4:	Cleveland, OHIO 44114												
ATTORNEY DOCKET NUMBER:	106750.40												
NAME OF SUBMITTER:	James J. Pingor												

OP \$40.00 13584406

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REEL: 028821 FRAME: 0914

PATENT  
REEL: 035851 FRAME: 0448

**Total Attachments: 5**

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**PATENT**

**REEL: 028821 FRAME: 0915**

**PATENT**

**REEL: 035851 FRAME: 0449**

PATENT ASSIGNMENT

I, Lawrence T. Belton ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "WIRELESS MULTI-FACTOR AUTHENTICATION WITH CAPTIVE PORTALS" ("APPLICATION"), which:

☒ will be filed without this executed PATENT ASSIGNMENT. ASSIGNORS hereby authorize, and request, ASSIGNEE'S legal representatives, of Kegler, Brown, Hill & Ritter Co., L.P.A., 600 Superior Avenue East, Suite 2510, Cleveland, Ohio 44114, who are associated with customer number 26672, to insert here in parenthesis (U.S. Serial No. \_\_\_\_\_, filed \_\_\_\_\_) this APPLICATION'S U.S. Serial Number and filing date, when known; 13/584,406 8-13-2012

☐ was filed on \_\_\_\_\_ and was given U.S. Serial No. \_\_\_\_\_;

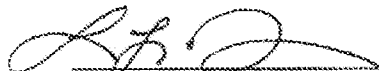
☐ is filed concurrently herewith;

<sup>Bank</sup>  
Wells Fargo N.A., on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES");

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

7/27/2012  
Date

  
Lawrence T. Belton

**PATENT ASSIGNMENT**

I, Lawrence T. Belton, Brian Beaty, Timothy H. Morris, Douglas S. Rodgers and Lynn Allen Smith ("ASSIGNORS"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "WIRELESS MULTI-FACTOR AUTHENTICATION WITH CAPTIVE PORTALS" ("APPLICATION"), which:

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\_\_\_\_\_  
Date

\_\_\_\_\_  
Lawrence T. Belton

\_\_\_\_\_  
Date

7/31/2012

\_\_\_\_\_  
Brian Beaty

\_\_\_\_\_  
Date

\_\_\_\_\_  
Timothy H. Morris

## PATENT ASSIGNMENT

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\_\_\_\_\_  
Date

\_\_\_\_\_  
Lawrence T. Belton

\_\_\_\_\_  
Date

\_\_\_\_\_  
Brian Beaty

July 27, 2012  
Date

Timothy H. Morris  
Timothy H. Morris

8/8/2012  
Date

  
Douglas S. Rodgers

\_\_\_\_\_  
Date

\_\_\_\_\_  
Lynn Allen Smith

4811-8796-4175, v. 1

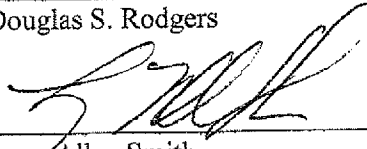


Date

8/21/12

Date

Douglas S. Rodgers



Lynn Allen Smith

4811-8796-4175, v. 1