

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3715305

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
EDWARD BRANTON MASSEY	09/06/2011
KARL HOWARD CHAFFEY	09/05/2011
JONATHAN ERIC DRUDGE	09/09/2011
CALVIN GRIMES JR	09/07/2011
BRADLEY SHAYLE SCOTT	09/08/2011
AMELIA SLAUGHTER WILKINSON	09/07/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FISERV, INC.
<b>Street Address:</b>	255 FISERV DRIVE
<b>City:</b>	BROOKFIELD
<b>State/Country:</b>	WISCONSIN
<b>Postal Code:</b>	53045
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14587537
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(704)444-1111
<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>	704-444-1000
<b>Email:</b>	DocketingDept-CLT@alston.com
<b>Correspondent Name:</b>	ALSTON & BIRD LLP
<b>Address Line 1:</b>	101 SOUTH TRYON STREET
<b>Address Line 2:</b>	SUITE 4000
<b>Address Line 4:</b>	CHARLOTTE, NORTH CAROLINA 28280-4000
<b>ATTORNEY DOCKET NUMBER:</b>	055691/472943
<b>NAME OF SUBMITTER:</b>	DAVID S. EASWARAN
<b>SIGNATURE:</b>	/David S. Easwaran/
<b>DATE SIGNED:</b>	01/28/2016

**Total Attachments: 8**

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## ASSIGNMENT

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WHEREAS, we, **Edward Branton Massey**, a citizen of New Zealand, residing at 912 St. Charles Avenue, Apt. 5, Atlanta, GA 30306, USA; **Karl Howard Chaffey**, a citizen of New Zealand, residing at 110 St. Andrews Road, Epsom, Auckland 1072, NZ; **Jonathan Eric Drudge**, a citizen of the United States of America, residing at 1890 Mayfield Road, Alpharetta, GA 30009, USA; **Calvin Grimes, Jr.**, a citizen of the United States of America, residing at 5155 Wentworth Drive, Norcross, GA 30092, USA; **Bradley Shayle Scott**, a citizen of New Zealand, residing at 406-23 Hargreaves Street, St. Marys Bay, Auckland, NZ; and **Amelia Slaughter Wilkinson**, a citizen of the United States of America, residing at 2512 Alcovy Club Drive, Dacula, GA 30019, USA; have invented certain inventions and improvements disclosed in an application for Letters Patent entitled "**SYSTEMS AND METHODS FOR CUSTOMIZING MOBILE APPLICATIONS BASED UPON USER ASSOCIATIONS WITH ONE OR MORE ENTITIES,**" filed in the United States Patent and Trademark Office on \_\_\_\_\_, under U.S. Patent Application Serial No. \_\_\_\_\_. *(We hereby authorize and request that Sutherland Asbill & Brennan LLP insert the filing date and application number in the preceding blanks when known)* and Docket No. 23952-0460; and

WHEREAS, **FISERV, INC.**, a corporation of the State of Wisconsin, having a place of business at 255 Fiserv Drive, Brookfield, WI 53045, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of Five Dollars (\$5.00) and other good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, we, **Edward Branton Massey, Karl Howard Chaffey, Jonathan Eric Drudge, Calvin Grimes, Jr., Bradley Shayle Scott, and Amelia Slaughter Wilkinson**, by these presents do sell, assign and transfer unto **FISERV, INC.**, the full, exclusive and entire right, title, and interest in and to said applications, in and to any divisions, continuations, continuations in parts, and reissues thereof, and in and to all inventions and improvements disclosed and described in said applications, preparatory to obtaining Letters Patent of the United States therefor; and we hereby request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said applications, or from a division, continuation, continuation in part, or reissue thereof, to **FISERV, INC.**, as the assignee, for its interest and for the sole use and benefit of **FISERV, INC.**, and its assigns and legal representatives;

For the same consideration, we, by these presents do sell, assign, and transfer to **FISERV, INC.**, the full, exclusive, and entire right, title and interest in and to any foreign application or applications corresponding to any of said applications, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **FISERV, INC.**, or its designee insofar as permitted by applicable law.

AND, for the same consideration, we agree to sign all lawful papers, execute all division, continuing, continuation in part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **FISERV, INC.**, its successors, assigns, and nominees, to obtain and enforce proper protection, including the right to sue for patent infringement, for all said inventions and improvements in all countries throughout the world.

FIRST INVENTOR:

*Edward Branton Massey*  
Edward Branton Massey

Date: 9/6/2011

WITNESS: *[Signature]*

Date: 9/6/2011

WITNESS: *[Signature]*

Date: 9/6/2011

OR

USE SECTION BELOW ONLY IF SIGNING IN PRESENCE OF A NOTARY

\_\_\_\_\_  
Edward Branton Massey

Date: \_\_\_\_\_

STATE OF \_\_\_\_\_ )

ss.

COUNTY OF \_\_\_\_\_ )


Before me, a Notary Public in and for the State of \_\_\_\_\_, on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, personally appeared **Edward Branton Massey**, who being duly sworn and acknowledged the foregoing Assignment as his/her free act and deed.

(SEAL)

\_\_\_\_\_  
(Notary Public)

My Commission Expires:


**SECOND INVENTOR:**

  
\_\_\_\_\_  
Karl Howard Chaffey

Date: September 5, 2011

WITNESS:   
\_\_\_\_\_  
KIM HENNINGER

Date: SEPTEMBER 5, 2011

WITNESS:   
\_\_\_\_\_  
TIM GIBSON

Date: SEP 5<sup>TH</sup>, 2011

OR

**USE SECTION BELOW ONLY IF SIGNING IN PRESENCE OF A NOTARY**

\_\_\_\_\_  
Karl Howard Chaffey

Date: \_\_\_\_\_

STATE OF \_\_\_\_\_ )

ss.

COUNTY OF \_\_\_\_\_ )

Before me, a Notary Public in and for the State of \_\_\_\_\_, on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, personally appeared **Karl Howard Chaffey**, who being duly sworn, signed and acknowledged the foregoing Assignment as his/her free act and deed.

(SEAL)

\_\_\_\_\_  
(Notary Public)

My Commission Expires:

**THIRD INVENTOR:**

\_\_\_\_\_  
**Jonathan Eric Drudge** Date: \_\_\_\_\_

WITNESS: \_\_\_\_\_ Date: \_\_\_\_\_

WITNESS: \_\_\_\_\_ Date: \_\_\_\_\_

**OR**

**USE SECTION BELOW ONLY IF SIGNING IN PRESENCE OF A NOTARY**

Jonathan Eric Drudge Date: 9/9/2011

STATE OF GA  
COUNTY OF Gwinnett ss.

Before me, a Notary Public in and for the State of GA, on this 9<sup>th</sup> day of September, 2011, personally appeared **Jonathan Eric Drudge**, who being duly sworn signed and acknowledged the foregoing Assignment as his/her free act and deed.

(SEAL)

Valinda Carrington  
(Notary Public)

My Commission Expires:

**Valinda Carrington  
Notary Public, State of Georgia  
Gwinnet County  
My commission expires Jan. 16, 2012**

**FOURTH INVENTOR:**

\_\_\_\_\_  
Date: \_\_\_\_\_  
**Calvin Grimes, Jr.**

WITNESS: \_\_\_\_\_ Date: \_\_\_\_\_

WITNESS: \_\_\_\_\_ Date: \_\_\_\_\_

**OR**

**USE SECTION BELOW ONLY IF SIGNING IN PRESENCE OF A NOTARY**

Calvin Grimes, Jr. Date: 9/7/2011  
**Calvin Grimes, Jr.**

STATE OF \_\_\_\_\_ )

ss.

COUNTY OF \_\_\_\_\_ )

Before me, a Notary Public in and for the State of Georgia, on this 7<sup>th</sup> day of September, 2011, personally appeared **Calvin Grimes, Jr.**, who being duly sworn, sig and acknowledged the foregoing Assignment as his/her free act and deed.

(SEAL)



Thellanie Vernon  
(Notary Public)

My Commission Expires:



**FIFTH INVENTOR:**

*BS*  
**Bradley Shayle Scott**

Date: 3/7/11

WITNESS: *Amelia A. P.*

Date: 8/9/11

WITNESS: *Luigi*

Date: 8/9/11

OR

**USE SECTION BELOW ONLY IF SIGNING IN PRESENCE OF A NOTARY**

\_\_\_\_\_  
**Bradley Shayle Scott**

Date: \_\_\_\_\_

STATE OF \_\_\_\_\_ )

ss.

COUNTY OF \_\_\_\_\_ )

Before me, a Notary Public in and for the State of \_\_\_\_\_, on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, personally appeared **Bradley Shayle Scott**, who being duly sworn, and acknowledged the foregoing Assignment as his/her free act and deed.

(SEAL)

\_\_\_\_\_  
(Notary Public)

My Commission Expires \_\_\_\_\_

**SIXTH INVENTOR:**

Amelia Slaughter Wilkinson  
Amelia Slaughter Wilkinson

Date: 09/07/2011

WITNESS: \_\_\_\_\_

Date: \_\_\_\_\_

WITNESS: \_\_\_\_\_

Date: \_\_\_\_\_

**OR**

**USE SECTION BELOW ONLY IF SIGNING IN PRESENCE OF A NOTARY**

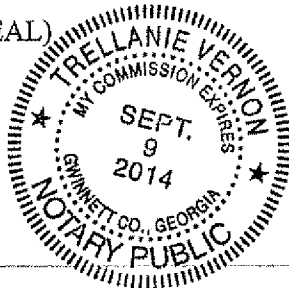
\_\_\_\_\_  
Amelia Slaughter Wilkinson

Date: \_\_\_\_\_

STATE OF Georgia  
COUNTY OF Gwinnett ss.

Before me, a Notary Public in and for the State of Georgia, on this 7th day of September, 2011, personally appeared **Amelia Slaughter Wilkinson**, who being duly sworn, signed and acknowledged the foregoing Assignment as his/her free act and deed.

(SEAL)



Trelanie Vernon  
(Notary Public)

My Commission Expires: