

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4631377

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

  
**CONVEYING PARTY DATA**

Name	Execution Date
ANTHONY SCOTT FARNSWORTH	09/14/2013
ZAKERY LAYNE JOHNSON	09/04/2013
JOSHUA S. KERR	09/04/2013
ERIC SMITH	09/04/2013
CHARLES LEE OAKES III	09/04/2013
MALAND KEITH MORTENSEN	09/04/2013
JOHN RAYMOND HARRIS	09/04/2013
JOSHUA SAMUEL LEONARD	09/04/2013
THOMAS BRET BUCKINGHAM	09/05/2013
VIJAY JAYAPALAN	09/04/2013
MINYA LIANG	09/09/2013
JUSTIN DAX HASLAM	09/04/2013
ROBERT BARNER	09/04/2013
ROSS ANDREW THIELE	09/04/2013

  
**RECEIVING PARTY DATA**

<b>Name:</b>	UNITED SERVICES AUTOMOBILE ASSOCIATION (USAA)
<b>Street Address:</b>	9800 FREDERICKSBURG ROAD
<b>City:</b>	SAN ANTONIO
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	78288

  
**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	15684813

  
**CORRESPONDENCE DATA**

**Fax Number:** (303)291-2400

*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.*

**Phone:** 3032912300

**Email:** DPELOQUIN@PERKINSOIE.COM

**Correspondent Name:** PERKINS COIE LLP-USAA  
**Address Line 1:** P.O. BOX 1247  
**Address Line 4:** SEATTLE, WASHINGTON 98111-1247

**ATTORNEY DOCKET NUMBER:** US-0944.03|9142-8121.US03

**NAME OF SUBMITTER:** DEBORAH PELOQUIN

**SIGNATURE:** /Deborah Peloquin/

**DATE SIGNED:** 10/08/2017

**Total Attachments: 9**

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s) FARNSWORTH, Anthony Scott; JOHNSON, Zakery Layne; KERR, Joshua S.; SMITH, Eric; OAKES, III, Charles Lee; BUCKINGHAM, Thomas Bret; MORTENSEN, Maland Keith; HARRIS, John Raymond; LEONARD, Joshua Samuel; JAYAPALAN, Vijay; LIANG, Minya; HASLAM, Justin Dax; BARNER, Robert; and THIELE, Ross Andrew

Applicant ..... United Services Automobile Association (USAA)

USAA's Docket No. .... US-0944.01

Title: METHODS AND SYSTEMS FOR MULTIPLE CHANNEL AUTHENTICATION

**PATENT ASSIGNMENT**

**PARTIES TO THE ASSIGNMENT**

Assignor(s)

Anthony Scott Farnsworth  
San Antonio, Texas

Zakery Layne Johnson  
San Antonio, Texas

Joshua S. Kerr  
San Antonio, Texas

Eric Smith  
Helotes, Texas

Charles Lee Oakes, III  
Boerne, Texas

Thomas Bret Buckingham  
Fair Oaks Ranch, Texas

Maland Keith Mortensen  
San Antonio, Texas

John Raymond Harris  
San Antonio, Texas

Joshua Samuel Leonard  
San Antonio, Texas

Vijay Jayapalan  
San Antonio, Texas

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09142-8121.US01/LEGAL27665833.1

**PATENT**

**REEL: 043809 FRAME: 0593**

Minya Liang  
McKinney, Texas

Justin Dax Haslam  
San Antonio, Texas

Robert Barner  
San Antonio, Texas

Ross Andrew Thiele  
Boerne, Texas

Assignee:

United Services Automobile Association (USAA)  
Reciprocal Interinsurance Exchange of the State of Texas  
9800 Fredericksburg Road  
San Antonio, Texas 78288

**AGREEMENT**

WHEREAS, ASSIGNOR(S) (listed above) is/are inventor(s) of an invention(s) entitled as described and claimed in the specification forming part of an application(s) for United States letters patent referenced above;

WHEREAS, United Services Automobile Association (USAA) (hereinafter referred to as ASSIGNEE), a reciprocal interinsurance exchange of the State of Texas having a place of business at 9800 Fredericksburg Road, San Antonio, Texas 78288, is desirous of acquiring the entire right, title and interest in and to the invention(s) and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

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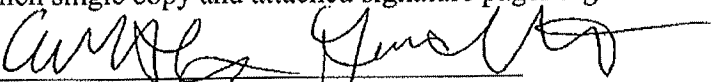
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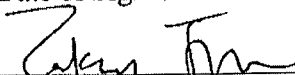
**PATENT**  
**REEL: 043809 FRAME: 0594**

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign, and transfer unto ASSIGNEE, the entire right, title, and interest in and to said invention(s), said application(s), and any and all letters patent which may be granted for said invention(s) in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application(s) to which said foreign applications are entitled by virtue of international convention, treaty, or otherwise, said invention(s), application(s), and all letters patent on said invention(s) to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer, and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention(s), for litigation regarding said letters patent, or for the purpose of protecting title to said invention(s) or letters patent therefor.

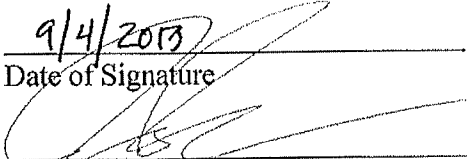
AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

  
\_\_\_\_\_  
Anthony Scott Farnsworth

14 Sep 2013  
\_\_\_\_\_  
Date of Signature

  
\_\_\_\_\_  
Zakery Layne Johnson

9/4/2013  
\_\_\_\_\_  
Date of Signature

  
\_\_\_\_\_  
Joshua S. Kerr

September 4, 2013  
\_\_\_\_\_  
Date of Signature

\_\_\_\_\_  
Eric Smith

\_\_\_\_\_  
Date of Signature

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**PATENT**

**REEL: 043809 FRAME: 0595**

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign, and transfer unto ASSIGNEE, the entire right, title, and interest in and to said invention(s), said application(s), and any and all letters patent which may be granted for said invention(s) in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application(s) to which said foreign applications are entitled by virtue of international convention, treaty, or otherwise, said invention(s), application(s), and all letters patent on said invention(s) to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer, and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention(s), for litigation regarding said letters patent, or for the purpose of protecting title to said invention(s) or letters patent therefor.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

\_\_\_\_\_  
Anthony Scott Farnsworth

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Date of Signature

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Zakery Layne Johnson

\_\_\_\_\_  
Date of Signature

\_\_\_\_\_  
Joshua S. Kerr

\_\_\_\_\_  
Date of Signature

  
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Eric Smith

9.4.2013  
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Date of Signature

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**PATENT**

**REEL: 043809 FRAME: 0596**

Charles Lee Oakes, III  
Charles Lee Oakes, III

09/4/2013  
Date of Signature

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Thomas Bret Buckingham

Date of Signature  
Maland Keith Mortensen  
Maland Keith Mortensen

09/4/13  
Date of Signature  
John Raymond Harris  
John Raymond Harris

09/04/13  
Date of Signature  
Joshua Samuel Leonard  
Joshua Samuel Leonard

09/04/2013  
Date of Signature

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Vijay Jayapalan

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Date of Signature

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Minya Liang

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**PATENT**  
**REEL: 043809 FRAME: 0597**

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Charles Lee Oakes, III

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Date of Signature

  
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Thomas Bret Buckingham

9/5/2013  
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Minya Liang

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**PATENT**  
**REEL: 043809 FRAME: 0598**



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Charles Lee Oakes, III

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Thomas Bret Buckingham

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Maland Keith Mortensen

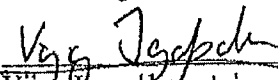
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Vijay Jayapalan

09/04/2013  
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Date of Signature

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Minya Liang

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**PATENT**  
**REEL: 043809 FRAME: 0599**

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Charles Lee Oakes, III

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Thomas Bret Buckingham

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John Raymond Harris

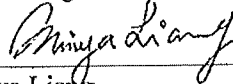
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Joshua Samuel Leonard

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Vijay Jayapalan

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Minya Liang

09/09/2013

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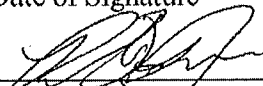
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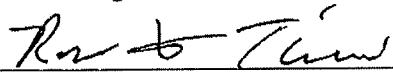
**PATENT**  
**REEL: 043809 FRAME: 0600**

  
Justin Dax Haslam

9/4/2013  
Date of Signature

  
Robert Barner

9/4/2013  
Date of Signature

  
Ross Andrew Thiele

9/4/13  
Date of Signature

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**PATENT**

**RECORDED: 10/08/2017**

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