## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3287220

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
GARRET FLORIAN GRAJEK	03/18/2015
CHIHWEI LIU	03/10/2015
ALLEN YU QUACH	03/10/2015
JEFFREY CHIWAI LO	03/10/2015

#### **RECEIVING PARTY DATA**

Name:	SECUREAUTH CORPORATION
Street Address:	8965 RESEARCH DRIVE
City:	IRVINE
State/Country:	CALIFORNIA
Postal Code:	92618

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14621821

#### **CORRESPONDENCE DATA**

**Fax Number:** (949)760-9502

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**Phone:** 9497600404

**Email:** efiling@knobbe.com

Correspondent Name: KNOBBE, MARTENS, OLSON & BEAR LLP

Address Line 1: 2040 MAIN STREET

Address Line 2: 14TH FLOOR

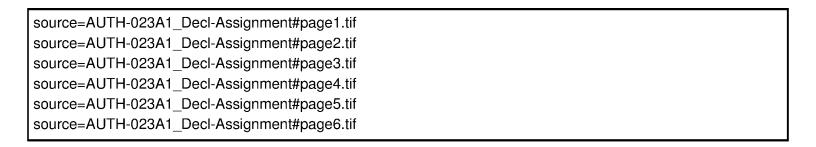
Address Line 4: IRVINE, CALIFORNIA 92614

ATTORNEY DOCKET NUMBER:	AUTH.023A1
NAME OF SUBMITTER:	KENNETH M. FRAZIER
SIGNATURE:	/Kenneth M. Frazier/
DATE SIGNED:	03/27/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).
T	•

Total Attachments: 6

PATENT REEL: 035279 FRAME: 0727

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# **COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))**

Application Data Sheet filed previously or concurrently

Docket No.: AUTH.023A1 Page 1 of 6

Title: FINGERPRINT BASED AUTHENTICATION FOR SINGLE SIGN ON

Inventors: Garret Florian Grajek, Chihwei Liu, Allen Yu Quach, and Jeffrey Chiwai Lo

### Declaration

This Declaration is directed to the application identified above that:

Was filed **February 13, 2015** as U.S. or International Application No. **14/621,821** and incorporating any amendments made thereto prior to the signature date of this Declaration.

As a named inventor, I declare that:

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 in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

## Assignment from Inventors

WHEREAS, above-identified inventors (individuals hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental designs, or discoveries, and hereby assign or are under an obligation to assign to the below identified Assignee the above-titled application (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States (identified above) has been prepared for filing with the United States Patent and Trademark Office (hereinafter the "Application").

AND WHEREAS, **SecureAuth Corporation**, with its principal place of business at 8965 Research Drive, Irvine, California 92618 (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all patent properties filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

all provisional applications relating thereto (including but not limited to U.S. Provisional Application No. 61/941,286, filed February 18, 2014);

all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof; and

all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof.

# COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: AUTH.023A1

Page 2 of 6

Title: FINGERPRINT BASED AUTHENTICATION FOR SINGLE SIGN ON

Inventors: Garret Florian Grajek, Chihwei Liu, Allen Yu Quach, and Jeffrey Chiwai Lo

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all aforementioned patent properties, and authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Property relating to the Application and the Work or any improvements made thereto, sign/execute all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

**IFOUR SIGNATURE PAGES FOLLOW]** 

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))  Application Data Sheet filed previously or concurrently
Docket No.: AUTH.023A1 Page 3 of 6
Title: FINGERPRINT BASED AUTHENTICATION FOR SINGLE SIGN ON
Inventors: Garret Florian Grajek, Chihwei Liu, Allen Yu Quach, and Jeffrey Chiwai Lo
Legal Name of inventor: Garret Florian Grajek
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 18 day of Man 4
20/5. Signature: Haf F
Signature before a Notary is desirable but not required.
A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.
STATE OF CALIFORNIA ss.
COUNTY OF
On, before me,
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
WITNESS my hand and official seal.
Notary Signature [SEAL]
forur!

COMBINED DECLARATION & A Application Data Sheet filed	ASSIGNMENT (37 CFR 1.63(e)) I previously or concurrently
Docket No.: AUTH.023A1	Page 4 of 6
Title: FINGERPRINT BASED AUTHENTICATION FO	OR SINGLE SIGN ON
Inventors: Garret Florian Grajek, Chihwei Liu, Aller	
Legal Name of inventor: Chihwei Liu	
IN TESTIMONY WHEREOF, I hereunto set my hand 2015.	
Signature:	Lawt
Signature bel	fore a Notary is desirable but not required.
VERIFIES ONLY THE IDENTITY OF DOCUMENT TO WHICH THIS CERTIFI TRUTHFULNESS, ACCURACY, OR VALIDI	CATE IS ATTACHED, AND NOT THE
STATE OF CALIFORNIA   ss.	
COUNTY OF	
On, before me, appeared Chihwei Liu who proved to me on the basis name(s) is/are subscribed to the within instrument, at the same in his/her/their authorized capacity(ies), and the person(s), or the entity upon behalf of which the	d that by his/her/their signature(s) on the instrument
I certify under PENALTY OF PERJURY under the law paragraph is true and correct.	ws of the State of California that the foregoing
WITNESS my hand and official seal.	Notary Signature

[SEAL]

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))  Application Data Sheet filed previously or concurrently
Docket No.: AUTH.023A1 Page 5 of 6
Title: FINGERPRINT BASED AUTHENTICATION FOR SINGLE SIGN ON
Inventors: Garret Florian Grajek, Chihwei Liu, Allen Yu Quach, and Jeffrey Chiwai Lo
Legal Name of inventor: Allen Yu Quach IN TESTIMONY WHEREOF, I hereunto set my hand and seal this
Signature before a Notary is desirable but not required.
A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.
STATE OF CALIFORNIA  COUNTY OF ss.
On, before me,, notary public, personally appeared Allen Yu Quach who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
WITNESS my hand and official seal.
Notary Signature

[SEAL]

	D DECLARATION & ASSIGNMENT (37 CFR 1.63(e)) Application Data Sheet filed previously or concurrently
Docket No.: AUTH.023A1	Page 6 of 6
Title: FINGERPRINT BAS	ED AUTHENTICATION FOR SINGLE SIGN ON
Inventors: Garret Florian	Grajek, Chihwei Liu, Allen Yu Quach, and Jeffrey Chiwai Lo
Legal Name of inventor:	Jeffrey Chiwai Lo
20 15.	DF, I hereunto set my hand and seal this 10th day of March.
	Signature:
	Signature before a Notary is desirable but not required.
IRUINFOLNESS	, ACCURACY, OR VALIDITY OF THAT DOCUMENT.
STATE OF CALIFORNIA	} ss.
On, b appeared Jeffrey Chiwai L whose name(s) is/are subsexecuted the same in his/h instrument the person(s), o	efore me,, notary public, personally o who proved to me on the basis of satisfactory evidence to be the person(s) scribed to the within instrument, and acknowledged to me that he/she/they ner/their authorized capacity(ies), and that by his/her/their signature(s) on the or the entity upon behalf of which the person(s) acted, executed the instrument.  OF PERJURY under the laws of the State of California that the foregoing
On, b appeared Jeffrey Chiwai L whose name(s) is/are subsexecuted the same in his/r instrument the person(s), of I certify under PENALTY O paragraph is true and corr	efore me,, notary public, personally o who proved to me on the basis of satisfactory evidence to be the person(s) scribed to the within instrument, and acknowledged to me that he/she/they ner/their authorized capacity(ies), and that by his/her/their signature(s) on the or the entity upon behalf of which the person(s) acted, executed the instrument.  OF PERJURY under the laws of the State of California that the foregoing ect.
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COUNTY OF	efore me,, notary public, personally o who proved to me on the basis of satisfactory evidence to be the person(s) scribed to the within instrument, and acknowledged to me that he/she/they her/their authorized capacity(ies), and that by his/her/their signature(s) on the or the entity upon behalf of which the person(s) acted, executed the instrument. OF PERJURY under the laws of the State of California that the foregoing ect.  Ifficial seal.
COUNTY OF, b appeared Jeffrey Chiwai L whose name(s) is/are subsexecuted the same in his/hinstrument the person(s), of I certify under PENALTY C paragraph is true and corrections.	efore me,, notary public, personally o who proved to me on the basis of satisfactory evidence to be the person(s) scribed to the within instrument, and acknowledged to me that he/she/they her/their authorized capacity(ies), and that by his/her/their signature(s) on the or the entity upon behalf of which the person(s) acted, executed the instrument. OF PERJURY under the laws of the State of California that the foregoing ect.  Ifficial seal.

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PATENT REEL: 035279 FRAME: 0734

**RECORDED: 03/27/2015**