

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3145836

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GARRET FLORIAN GRAJEK	03/13/2013
JEFF CHIWAI LO	03/13/2013
ROBERT JASON PHILLIPS	03/14/2013
SHU JEN TUNG	03/13/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SECUREAUTH CORPORATION
<b>Street Address:</b>	8965 RESEARCH DRIVE
<b>City:</b>	IRVINE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92618
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14316657
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(949)760-9502
<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>	9497600404
<b>Email:</b>	efiling@knobbe.com
<b>Correspondent Name:</b>	KNOBBE, MARTENS, OLSON & BEAR LLP
<b>Address Line 1:</b>	2040 MAIN STREET
<b>Address Line 2:</b>	14TH FLOOR
<b>Address Line 4:</b>	IRVINE, CALIFORNIA 92614
<b>ATTORNEY DOCKET NUMBER:</b>	AUTH.017C1
<b>NAME OF SUBMITTER:</b>	KENNETH M. FRAZIER
<b>SIGNATURE:</b>	/Kenneth M. Frazier/
<b>DATE SIGNED:</b>	12/12/2014
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 6</b>	
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**COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))**

*Application Data Sheet filed previously or concurrently*

Docket No.: AUTH.017A

Page 1 of 6

Title: MOBILE MULTIFACTOR SINGLE-SIGN-ON AUTHENTICATION

Inventors: Garret Florian Grajek, Jeff Chiwai Lo, Robert Jason Phillips, Shu Jen Tung

***Declaration***

This Declaration is directed to the application identified above that:

Is attached, where "attached" means filed concurrently with.

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** (individual(s) 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, CA 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(s). **61/703,045**, filed **September 19, 2012** (respectively if plural applications));

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.

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

**COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))***Application Data Sheet filed previously or concurrently*

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Title: MOBILE MULTIFACTOR SINGLE-SIGN-ON AUTHENTICATION

Inventors: Garret Florian Grajek, Jeff Chiwai Lo, Robert Jason Phillips, Shu Jen Tung

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, 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.

*(Signature pages follow)*

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

*Application Data Sheet filed previously or concurrently*

Docket No.: AUTH.017A

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Title: MOBILE MULTIFACTOR SINGLE-SIGN-ON AUTHENTICATION

Inventors: Garret Florian Grajek, Jeff Chiwai Lo, Robert Jason Phillips, Shu Jen Tung

Legal Name of inventor: Garret Florian Grajek

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 13 day of March, 2013  
2013.

Signature: 

Date: 03-13-2013

*Signature before a Notary is desirable but not required.*

STATE OF CALIFORNIA }

ss.

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

On \_\_\_\_\_, before me, \_\_\_\_\_, notary public, personally appeared Garret Florian Grajek 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]

PATENT

REEL: 034497 FRAME: 0691

**COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))***Application Data Sheet filed previously or concurrently*

Docket No.: AUTH.017A

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Title: MOBILE MULTIFACTOR SINGLE-SIGN-ON AUTHENTICATION

Inventors: Garret Florian Grajek, Jeff Chiwai Lo, Robert Jason Phillips, Shu Jen Tung

**Legal Name of inventor:** Jeff Chiwai LoIN TESTIMONY WHEREOF, I hereunto set my hand and seal this 13th day of March, 2013.

Signature: \_\_\_\_\_

Jeffery Lo

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

3/13/13*Signature before a Notary is desirable but not required.***STATE OF CALIFORNIA**

} ss.

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

On \_\_\_\_\_, before me, \_\_\_\_\_, notary public, personally appeared Jeff Chiwai Lo 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]

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

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Docket No.: AUTH.017A

Page 5 of 6

Title: MOBILE MULTIFACTOR SINGLE-SIGN-ON AUTHENTICATION

Inventors: Garret Florian Grajek, Jeff Chiwai Lo, Robert Jason Phillips, Shu Jen Tung

**Legal Name of inventor:** Robert Jason Phillips

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 14<sup>th</sup> day of March,  
2013.

Signature: 

Date: 3/14/13

*Signature before a Notary is desirable but not required. When signed in presence of a Notary, please attach the appropriate notarial documentation.*

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

*Application Data Sheet filed previously or concurrently*

Docket No.: AUTH.017A

Page 6 of 6

Title: MOBILE MULTIFACTOR SINGLE-SIGN-ON AUTHENTICATION

Inventors: Garret Florian Grajek, Jeff Chiwai Lo, Robert Jason Phillips, Shu Jen Tung

Legal Name of inventor: Shu Jen Tung

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 13<sup>th</sup> day of March,  
2013.

Signature: \_\_\_\_\_



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

3/13/2013

*Signature before a Notary is desirable but not required. When signed in presence of a Notary, please attach the appropriate notarial documentation.*

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