503646114 01/12/2016

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| JON OBERHEIDE | 12/21/2015 |
| DOUGLAS SONG | 12/23/2015 |

RECEIVING PARTY DATA

| Name: | DUO SECURITY, INC. | |
|-----------------|---------------------------------|--|
| Street Address: | 123 N. ASHLEY STREET, SUITE 200 | |
| City: | ANN ARBOR | |
| State/Country: | MICHIGAN | |
| Postal Code: | 48104 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14955377 |

CORRESPONDENCE DATA

Fax Number:

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.

Email: steph@schox.com

Correspondent Name: SCHOX PLC

Address Line 1: 500 3RD STREET, SUITE 515

Address Line 4: SAN FRANCISCO, CALIFORNIA 94107

| DATE SIGNED: 01/12/2016 This document serves as an Oath/Declaration (37 CFR 1.63). | |
|---|-------------------|
| SIGNATURE: | /Christine Shieh/ |
| NAME OF SUBMITTER: | CHRISTINE SHIEH |
| ATTORNEY DOCKET NUMBER: | DUOS-P17-US |

Total Attachments: 2

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PATENT 503646114 REEL: 037470 FRAME: 0124

DECLARATION AND ASSIGNMENT

This combined Declaration and Assignment is in relation to the patent application entitled SYSTEM AND METHOD FOR APPLYING DIGITAL FINGERPRINTS IN MULTI-FACTOR AUTHENTICATION attorney docket DUOS-P17-US which was filed on o1-DEC-2015 and given application number 14,955,377.

As the below named inventor, I hereby declare that:

- I have reviewed and understand the contents and the claims of the patent application.
- I acknowledge the duty to disclose all information known to me to be material to the
 patentability of the claims of the patent application.
- I believe that I am the original inventor, or an original joint inventor, of a claimed invention in the patent application.
- The patent application was made or authorized to be made by me.

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

WHEREAS, Duo Security, Inc. ("the assignee"), a state of Delaware corporation located at 123 N. Ashley Street, Suite 200, Ann Arbor, MI 48104 is desirous of acquiring an exclusive right to the claimed invention.

For valuable consideration that I acknowledge, I hereby sell and assign to the assignee the full and exclusive right and title to the invention, to all patent applications for the invention in the United States and in all other countries, and to all patents issued on the invention in the United States and in all other countries; and I hereby request the Director of the United States Patent and Trademark Office to issue all patents on the invention to the assignee.

Executed by:

| Name | Signature | Date |
|---------------|--|--------------|
| Jon Oberheide | Ton Oberheide Jon Oberhela (Dec 21, 2016) | Dec 21, 2015 |

REEL: 037470 FRAME: 0125

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Executed by:

| Name | Signature | Date |
|--------------|-----------|--------------|
| Douglas Song | my | Dec 23, 2015 |

PATENT
RECORDED: 01/12/2016 REEL: 037470 FRAME: 0126