

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

EPAS ID: PAT5753358

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MOHD ANWAR	09/12/2019
PAUL BIOCCO	09/12/2019
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<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16518477
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<b>ATTORNEY DOCKET NUMBER:</b>	1884/24/2
<b>NAME OF SUBMITTER:</b>	CONSTANCE CHIA
<b>SIGNATURE:</b>	/constance chia/
<b>DATE SIGNED:</b>	10/03/2019
<b>Total Attachments: 3</b>	
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PATENT

Atty. Docket No.: 1884/24/2

ASSIGNMENT

WHEREAS, we, Mohd Anwar of Greensboro, North Carolina; and Paul Biocco of Greensboro, North Carolina (hereinafter "Assignors"), have invented certain new and useful improvements in AUTHENTICATION SYSTEMS USING SEQUENCES OF TILE SELECTIONS FROM A GRID (hereinafter "Invention") for which application for a U.S. Patent was made on July 22, 2019 as Application Serial No. 16/518,477 and claims priority to United States Patent Application No. 62/700,953 filed July 20, 2018 (hereinafter "Applications").

AND, WHEREAS, North Carolina Agricultural and Technical State University, a non-profit organization located in Greensboro, North Carolina (hereinafter "Assignee"), is desirous of acquiring an interest therein.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors have sold and by these presents do hereby sell, assign, transfer and convey unto the Assignee, its successors and assigns, their entire right, title and interest in and to the Invention and Applications, and in and to any and all U.S. and foreign patent applications filed on the Invention, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Patents of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon (hereinafter, "Patents"), for the full end of the term for which said Patents may be granted, together with their right to claim the priority of the Applications in all countries in accordance with the Paris Convention, the Patent Cooperation Treaty, or other agreement or national law under which priority can be claimed, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made. It is expressly agreed by Assignors and Assignee that this Assignment fully conveys and transfers



Application Serial No.: 16/518,477

Executed this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_.

Paul Biocco  
Paul Biocco

Witnessed by:

Albert C. Esterline Albert C. Esterline 9/12/2019  
Name Date

Xiaohong Yuan Libi Yuan 9/12/2019  
Name Date

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