

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JONATHAN CRAMER	03/19/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SHAPE MATRIX GEOMETRIC INSTRUMENTS, LLC
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15975662
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
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<b>ATTORNEY DOCKET NUMBER:</b>	SHAPE1702
<b>NAME OF SUBMITTER:</b>	STEPHEN OTIS REG # 64226
<b>SIGNATURE:</b>	/Stephen Otis Reg # 64226/
<b>DATE SIGNED:</b>	03/19/2019
<b>Total Attachments: 2</b>	
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## ASSIGNMENT OF PATENT APPLICATION

For good and valuable consideration, receipt of which is hereby expressly acknowledged, I, the undersigned inventor have agreed and hereby agree to assign, sell and transfer and do hereby assign, sell and transfer unto

**Shape Matrix Geometric Instruments, LLC**

a limited liability company organized under the laws of the state of Delaware as Assignee, and its successors, assigns and legal representatives:

(a) my entire right, title and interest, for all countries, in and to all inventions and improvements relating to **Methods and Apparatus for Encoding Passwords or Other Information**, including all inventions and improvements described in an application for Letters Patent of the United States filed on **May 9, 2018**, as U.S. Patent Application No. **15/975,662** (the "Priority Application");

;

(b) my entire right, title and interest, for all countries, in and to any and all patent applications for any of the foregoing inventions (including the Priority Application, any patent applications that claim priority to, or claim the benefit of the filing date of, the Priority Application, including PCT applications, applications in any PCT contracting state, national stage applications, regional stage applications, nonprovisional applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexamination applications, extensions and all other patent applications that have been or shall be filed on any of the foregoing inventions, including without limitation patent applications filed under U.S. law, the Patent Cooperation Treaty, Eurasian Patent Convention, European Patent Convention, the Protocol on Patents and Industrial Designs within the framework of the African Regional Intellectual Property Organization, the Agreement establishing the Africapn Intellectual Property Organization, or any other international, regional or national patent treaty, protocol or statute), and all the rights, title, interest and privileges under any and all patents that may be granted therefor in any country or in any region or by any Patent Office or other authority, and any reissues, or reexaminations, or extensions of said patents; and

(c) my entire right, for all countries, to claim the priority of, or claim the benefit of the filing date of, the Priority Application.

As used herein, the term "invention" includes improvements. As used herein, "including" means including without limitation. As used herein, "I" means the undersigned inventor.

I request that any and all patents for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

I agree that, when requested, I will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

I authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by

it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

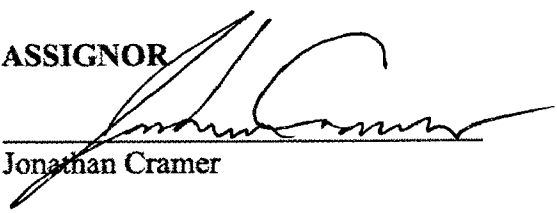
I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose, including in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

I covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, that I have full right to convey the same as herein expressed, and that I have not previously assigned any interest in any invention described above to any other person.

I desire that a PCT international patent application be filed on an invention described above. I understand that Assignee would not be willing to file such an application unless I sign this Assignment. I acknowledge that the consideration for this Assignment (including for the assignment, sale and transfer hereunder, and for all of my obligations hereunder) includes the agreement by Assignee to cause to be filed, by May 9, 2019, a PCT international patent application on an invention described above. I acknowledge that said agreement by Assignee is adequate and sufficient consideration for this Assignment.

In witness whereof, the parties hereto have signed this document.

ASSIGNOR

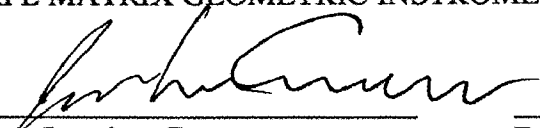
  
Jonathan Cramer

March 19 2019  
Date

ASSIGNEE

In consideration of the aforesaid Assignment, the Assignee, Shape Matrix Geometric Instruments, LLC, hereby agrees to cause to be filed, by May 9, 2019, a PCT international patent application on an invention described above.

SHAPE MATRIX GEOMETRIC INSTRUMENTS, LLC

By:   
Name: Jonathan Cramer  
Title: Sole Member

March 19 2019  
Date