

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5854540

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RYAN MARK SPEERS	01/26/2017
ADAM GHETTI	01/26/2017
BRIAN MICHAEL VOHASKA	01/26/2017
JEREMY MICHAEL ECKMAN	01/26/2017
KATRINA JEAN RAY	01/25/2017
JONATHAN THOMAS BURNS	01/26/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	IONIC SECURITY INC.
<b>Street Address:</b>	1170 PEACHTREE STREET NE SUITE 400
<b>City:</b>	ATLANTA
<b>State/Country:</b>	GEORGIA
<b>Postal Code:</b>	30309
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16682336
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(404)365-9532
<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>	4042337000
<b>Email:</b>	IPDOCKET@MMMLAW.COM
<b>Correspondent Name:</b>	SHAYLA PRATCHER
<b>Address Line 1:</b>	1600 ATLANTA FINANCIAL CENTER
<b>Address Line 2:</b>	3343 PEACHTREE ROAD, NE
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30326
<b>ATTORNEY DOCKET NUMBER:</b>	24955-132308
<b>NAME OF SUBMITTER:</b>	SHAYLA PRATCHER
<b>SIGNATURE:</b>	/Shayla Pratcher/
<b>DATE SIGNED:</b>	12/06/2019

**Total Attachments: 9**

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## ASSIGNMENT

**THIS ASSIGNMENT** is made by Ryan Mark Speers, residing at 9053 Ottawa Pl, Silver Spring, MD 20910; Adam Ghetti, residing at 606 E Morningside Dr, Atlanta, GA 30324; Brian Michael Vohaska, residing at 8616 2nd Avenue, Apt #331, Silver Spring, MD 20910; Jeremy Michael Eckman, residing at 1348 Moyer Rd, Annapolis, MD 21403; Katrina Jean Ray, residing at 621 Trout Run Court, Odenton, MD 21113; and Jonathan Thomas Burns, residing at 1901 West Street, #301, Annapolis, MD 21401 (hereinafter referred to as "Assignors").

**WHEREAS**, Assignors have invented certain new and useful improvements in **"SYSTEMS AND METHODS FOR CRYPTOGRAPHICALLY-SECURE QUERIES USING FILTERS GENERATED BY MULTIPLE PARTIES"**, set forth in a Non-Provisional application for Letters Patent of the United States, filed on December 28 2016, as U.S. Application No. 15/392,561 (hereinafter referred to as the "Application"); and

**WHEREAS**, Ionic Security Inc., a corporation organized under and pursuant to the laws of the State of Delaware, having its principal place of business at 1170 Peachtree Street NE, Suite 400, Atlanta, GA 30309 (hereinafter referred to as "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and Application, and in and to any and all direct and indirect divisions, non-provisional applications, continuations and continuations-in-part of said Application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and

extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and Application, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of the Application and any Letters Patent issuing therefrom for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Application, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of the Application, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignors warrant and represent that the Assignors individually are not aware of any information that is material to patentability of the above-mentioned inventions, namely, any

information that, alone or in combination with other information, establishes on its face the unpatentability of the inventions or is inconsistent with arguments of patentability made to the U.S. Patent & Trademark Office. Material information may include devices, products, publications, and so forth, that are similar to the present inventions, and/or any public disclosure, commercial use, or offer for sale more than one year prior to the filing date of the Application.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

MORRIS, MANNING & MARTIN, LLP

All practitioners at Customer Number 24728

*[Signatures are on following pages.]*

IN TESTIMONY WHEREOF, I have hereunto set my hand this 26 day of  
January, 2017.

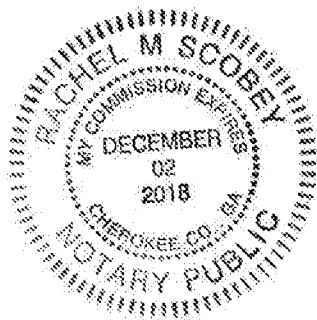
  
RYAN MARK SPEERS

STATE OF Georgia )  
COUNTY OF Cherokee ) ss.

On this 26 day of January, 2017, before me  
personally appeared **RYAN MARK SPEERS** known to me to be the person described in and  
who executed the foregoing instrument, and he duly acknowledged to me that he executed the  
same for the uses and purposes therein set forth.

[SEAL]

  
Notary Public



IN TESTIMONY WHEREOF, I have hereunto set my hand this 26 day of

January, 2017.

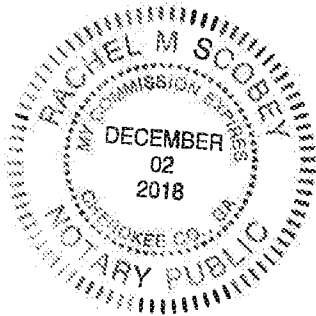
Adam Ghetti  
ADAM GHETTI

STATE OF Georgia )  
COUNTY OF Cherokee ) ss.

On this 26 day of January, 2017 before me  
personally appeared ADAM GHETTI known to me to be the person described in and who  
executed the foregoing instrument, and he duly acknowledged to me that he executed the same  
for the uses and purposes therein set forth.

[SEAL]

Rachel M Scobey  
Notary Public



IN TESTIMONY WHEREOF, I have hereunto set my hand this 26 day of

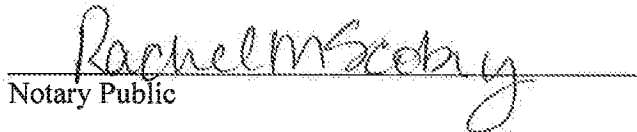
January, 2017.

  
BRIAN MICHAEL VOHASKA

STATE OF Georgia )  
COUNTY OF Cherokee ) ss.

On this 26 day of January, 2017 before me  
personally appeared **BRIAN MICHAEL VOHASKA** known to me to be the person described  
in and who executed the foregoing instrument, and he duly acknowledged to me that he executed  
the same for the uses and purposes therein set forth.

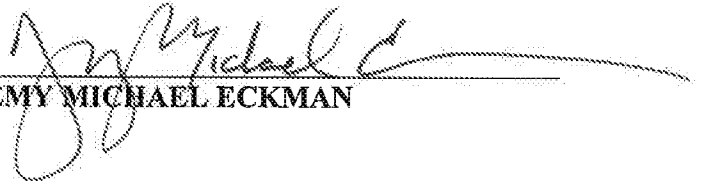
[SEAL]

  
Notary Public





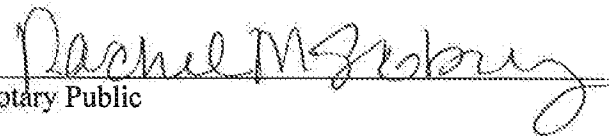
IN TESTIMONY WHEREOF, I have hereunto set my hand this 26 day of  
JANUARY, 2017.

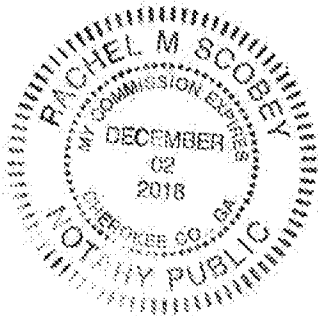
  
JEREMY MICHAEL ECKMAN

STATE OF Georgia )  
COUNTY OF Cherokee ) ss.

On this 26 day of January, 2017 before me  
personally appeared **JEREMY MICHAEL ECKMAN** known to me to be the person described  
in and who executed the foregoing instrument, and he duly acknowledged to me that he executed  
the same for the uses and purposes therein set forth.

[SEAL]

  
Notary Public



IN TESTIMONY WHEREOF, I have hereunto set my hand this 25 day of January, <sup>KR</sup>2016, 2017

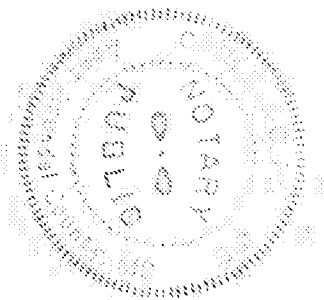
Katrina Ray  
KATRINA JEAN RAY

STATE OF Maryland )  
COUNTY OF Anne Arundel ) ss.

On this 25<sup>th</sup> day of JANUARY, <sup>2017</sup>2016, before me  
personally appeared **KATRINA JEAN RAY** known to me to be the person described in and  
who executed the foregoing instrument, and he duly acknowledged to me that he executed the  
same for the uses and purposes therein set forth.

[SEAL]

[Signature]  
Notary Public  
Exp 9-6-2019



IN TESTIMONY WHEREOF, I have hereunto set my hand this 26 day of January, 2017.

[Signature]  
JONATHAN THOMAS BURNS

STATE OF Georgia )  
COUNTY OF Cherokee ) ss.

On this 26 day of January, 2017, before me personally appeared **JONATHAN THOMAS BURNS** known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Rachel M. Scobey  
Notary Public

