

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7325080

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
CLOUDSHIELD TECHNOLOGIES, LLC	05/10/2022

RECEIVING PARTY DATA

Name:	EASTWARD FUND MANAGEMENT, LLC
Street Address:	432 CHERRY STREET
City:	WEST NEWTON
State/Country:	MASSACHUSETTS
Postal Code:	02465

PROPERTY NUMBERS Total: 27

Property Type	Number
Patent Number:	6728785
Patent Number:	6737763
Patent Number:	6829654
Patent Number:	7003555
Patent Number:	7032031
Patent Number:	7082502
Patent Number:	7114008
Patent Number:	7210022
Patent Number:	7318144
Patent Number:	7330908
Patent Number:	7428618
Patent Number:	7437482
Patent Number:	7570663
Patent Number:	7624142
Patent Number:	7844740
Patent Number:	8204082
Patent Number:	8234408
Patent Number:	8478904
Patent Number:	8526306
Patent Number:	8576881

PATENT

Property Type	Number
Patent Number:	8694610
Patent Number:	9166942
Patent Number:	9258241
Patent Number:	9444785
Patent Number:	9531666
Patent Number:	9537824
Patent Number:	9942233

CORRESPONDENCE DATA

Fax Number: (404)885-3900

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.

Phone: 4048853868

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Correspondent Name: CHRISTOPHER CLOSE

Address Line 1: TROUTMAN PEPPER LLP

Address Line 2: 600 PEACHTREE STREET NE, SUITE 3000

Address Line 4: ATLANTA, GEORGIA 30308-2216

ATTORNEY DOCKET NUMBER: 254244.000012

NAME OF SUBMITTER: CHRISTOPHER C CLOSE, JR.

SIGNATURE: /Christopher C. Close Jr./

DATE SIGNED: 05/11/2022

Total Attachments: 18

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT (this "Agreement") dated as of May 10, 2022, by and among EASTWARD FUND MANAGEMENT, LLC, a Delaware limited liability company ("Lender"), LOOKINGGLASS CYBER SOLUTIONS, INC., a Delaware corporation, CLOUDSHIELD TECHNOLOGIES, LLC, a Delaware limited liability company, CYVEILLANCE, INC., a Delaware corporation and ALPHAWAVE, INC., a Delaware corporation (each, a "Grantor" and collectively, the "Grantors"), is made with reference to that certain Loan and Security Agreement by and among Lender and Grantors dated as of the date hereof (as amended from time to time, the "Loan Agreement"). Terms defined in the Loan Agreement have the same meaning when used in this Agreement.

For good and valuable consideration, receipt of which is hereby acknowledged, Grantors hereby covenant and agree as follows:

To secure the Obligations under the Loan Agreement, Grantors grants to Lender a security interest in all right, title, and interest of Grantors in any of the following, whether now existing or hereafter acquired or created in any and all of the following property, in each case to the extent constituting Collateral (collectively, the "Intellectual Property Collateral"):

(a) copyright rights, copyright applications, copyright registrations and like protections in each work or authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held (collectively, the "Copyrights"), including the Copyrights described in Exhibit A;

(b) trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Grantors connected with and symbolized by such trademarks (collectively, the "Trademarks"), including the Trademarks described in Exhibit B;

(c) patents, patent applications and like protections including without limitation improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same (collectively, the "Patents"), including the Patents described in Exhibit C;

(d) mask work or similar rights available for the protection of semiconductor chips or other products (collectively, the "Mask Works");

(e) trade secrets, and any and all intellectual property rights in computer software and computer software products;

(f) design rights;

(g) claims for damages by way of past, present and future infringement of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(h) licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works, and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(i) amendments, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

(j) proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

The rights and remedies of Lender with respect to the security interests granted hereunder are in addition to those set forth in the Loan Agreement, and those which are now or hereafter available to Lender as a matter of law

or equity. Each right, power and remedy of Lender provided for herein or in the Loan Agreement, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein, and the exercise by Lender of any one or more of such rights, powers or remedies does not preclude the simultaneous or later exercise by Lender of any other rights, powers or remedies.

Massachusetts law governs this Agreement without regard to principles of conflicts of law.

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IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first written above.

GRANTORS:

LOOKINGGLASS CYBER SOLUTIONS, INC., a Delaware corporation

DocuSigned by:

By: Dana Mariano

Name: Dana Mariano

Title: Chief Financial Officer

Address for Notices:

Attn: Dana Mariano
10740 Parkridge Blvd., Suite 200
Reston, VA 20191
Email: dmariano@lookingglasscyber.com

CLOUDSHIELD TECHNOLOGIES, LLC, a Delaware limited liability company

DocuSigned by:
By: Dana Mariano

Name: Dana Mariano

Title: Chief Financial Officer

Address for Notices:

Attn: Dana Mariano
10740 Parkridge Blvd., Suite 200
Reston, VA 20191
Email: dmariano@lookingglasscyber.com

CYVEILLANCE INC., a Delaware corporation

DocuSigned by:

By: Dana Mariano

Name: Dana Mariano

Title: Chief Financial Officer

Address for Notices:

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10740 Parkridge Blvd., Suite 200
Reston, VA 20191
Email: dmariano@lookingglasscyber.com

ALPHA-WAVE INC., a Delaware corporation

DocuSigned by:

By: Dana Mariano

Name: Dana Mariano

Title: Chief Financial Officer

Address for Notices:

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10740 Parkridge Blvd., Suite 200
Reston, VA 20191
Email: dmariano@lookingglasscyber.com

LENDER:

EASTWARD FUND MANAGEMENT, a Delaware limited liability company

By: Dennis P. Cameron

Name: Dennis Cameron

Title: Chief Executive Officer

Address for Notices:

Attn: 432 Cherry St.
West Newton, MA 02465
Tel: (617) 969-6700
Fax: (617) 969-7900

[Signature Page to Intellectual Property Security Agreement]

LOOKINGGLASS CYBER SOLUTIONS, INC.

EXHIBIT A

COPYRIGHTS

Please Check if No Copyrights Exist ☒

Exhibit B
TRADEMARKS

<u>Trademark</u>	<u>U.S. Serial Number</u>	<u>Filing Date</u>	<u>U.S. Registration Number</u>	<u>Registration Date</u>
	88342417	Mar-15-2019		
LOOKINGGLASS	86645239	May-29-2015	4867168	Dec-08-2015
SCOUTINTERJECT	86400415	Sep-19-2014	5082702	Nov-15-2016
SCOUTPRIME	86970647	Apr-11-2016	5252016	Jul-25-2017
SCOUTSHIELD	88342415	Mar-15-2019	5878799	Oct-08-2019
SCOUTTHREAT	88342416	Mar-15-2019	6201176	Nov-17-2020
SCOUTVISION	85723242	Sep-07-2012	4328087	Apr-30-2013
SCOUTINSPECT		Feb-25-2022		
VIRUSTRACKER	86165913	Jan-15-2014	4590535	Aug-19-2014

EXHIBIT C

PATENTS

<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued or Published?</u>	<u>Issue Date:</u>
Appartuses, Methods and Systems for a cyber threat confidence rating visualization and edting user interface	9118714			8/25/2015
Cyber threat monitor and control apparatuses, methods, and systems	9210185			12/8/2015
Computer network attribute bilateral inheritance	9455993			2/10/2014
Cyber threat monitor and control apparatuses, methods and systems	9509712			11/29/2016
Cyber threat identification and analytics apparatuses, methods and systems	9584541			2/28/2017
apparatuses, methods, and systems for a cyber threat confidence rating visualization and editing user interface	9596256			3/14/2017
Apparatuses, methods and systems for a real-time cyber threat indicator verification mechanism	9596266			3/14/2017
Apparatuses, methods and systems for a real-time cyber threat indicator verification mechanism	10027705			7/17/2018
Cyber threat monitor and control apparatuses, methods, and systems	10033754			7/24/2018
Methods and aparatus for efficient storage and processing of global and local cyber threat data in a distributed	10469515			11/5/2019

factor graph database				
APPARATUSES, METHODS AND SYSTEMS FOR A CYBER THREAT CONFIDENCE RATING VISUALIZATION AND EDITING USER INTERFACE	10511621			12/17/2019
Information Security apparatus and methods for credential dump authenticity verification	10,574,658			2/25/2020
Methods and apparatus of an immutable threat intelligence system	10614131			4/7/2020
Systems and Methods for Dynamic Zone Protection of Networks	11,057,415	17/171,442, filed on 2/9/2021		7/6/2021
Systems and Methods for Monitoring and Securing Networks Using a Shared Buffer	11,196,710	17/168,392, filed on 2/5/2021		12/7/2021
Low Latency Stateful Threat Detection and Mitigation	11,201,887	17/209,577, filed on 3/23/2021		12/14/2021
Systems and Methods for Dynamic Zone Protection of Networks	11,283,823	11,057,415, filed on 7/6/2021		3/22/2022
Systems And Methods For Monitoring And Securing Networks Using A Shared Buffer		17/453,514		
Systems And Methods For Low Latency Stateful Threat Detection And Mitigation		17/453,669		
Systems And Methods For Dynamic Zone Protection Of Networks		17/650,990		

CLOUDSHIELD TECHNOLOGIES, LLC

EXHIBIT A

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<u>Type of Work</u>	<u>Title</u>	<u>International Standard Serial Number (ISSN)</u>	<u>Registration Number</u>	<u>Registration Date</u>	<u>Pre - registered?</u>
Text	packetC Programming		TX0007642325	11/7/2012	

Exhibit B
TRADEMARKS

<u>Trademark</u>	<u>U.S. Serial Number</u>	<u>Filing Date</u>	<u>U.S. Registration Number</u>	<u>Registration Date</u>
CLOUDSHIELD	78029968	Oct-10-2000	2841426	May-11-2004
PACKETC	77102587	Feb-08-2007	3595371	Mar-24-2009

EXHIBIT C

PATENTS

<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued or Published?</u>	<u>Issue Date:</u>
System and Method for Dynamic Compression of Data	6728785			4/27/2004
System and Method for Intelligent Load Sharing with Power Limiting Scheme for Multiple Power Supplies Connected to a Common Load	6737763			5/18/2004
Apparatus and Method for Virtual Edge Placement of Web Sites	6829654			12/7/2004
Apparatus and Method for Domain Name Resolution	7003555			2/21/2006
Edge Adapter Apparatus and Method	7032031			4/18/2006
Apparatus and Method for Interfacing with a High Speed Bi-Directional Network Using a Shared Memory to Store Packet Data	7082502			7/25/2006
Edge Adapter Architecture Apparatus and Method	7114008			9/26/2006
Apparatus and Method for Interconnecting a Processor to Co-Processors using Shared Memory As The Communications Interface	7210022			4/24/2007
Apparatus and Method for Interconnecting a Processor to Co-Processors using Shared Memory	7318144			1/8/2008
A System and Method for Processing Packets Using Location and	7330908			2/12/2008

<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued or Published?</u>	<u>Issue Date:</u>
Content Addressable Memories				
Apparatus and Method for Interfacing with a High Speed Bi-Directional Network Using a Shared Memory to Store Packet Data	7428618			9/23/2008
Method and Apparatus For Facilitating Client Server Communications Over a Network	7437482			10/14/2008
System and Method for Processing Packets According to Concurrently Reconfigurable Rules	7570663			8/4/2009
System and Method for Processing Packets According to User Specified Rules Governed by a Syntax	7624142			11/24/2009
System and Method for Dynamic Compression of Data	7844740			11/30/2010
Transparent Provisioning Of Services Over A Network	8204082			6/19/2012
Differentiating Unique Systems Sharing A Common Address	8234408			7/31/2012
Differentiating Unique Systems Sharing a Common Address	8478904			7/2/2013
Identification Of Patterns In Stateful Transactions	8526306			9/3/2013
Transparent Provisioning of Services Over a Network	8576881			11/5/2013
Apparatus and Method for Domain Name	8694610			4/8/2014

<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued or Published?</u>	<u>Issue Date:</u>
Resolution				
Identification Of Patterns In Stateful Transactions	9166942			10/20/2015
Cyber threat monitor and control apparatuses, methods, and systems	9258241			2/9/2016
Transparent Provisioning of Services Over a Network	9444785			9/13/2016
Differentiating Unique Systems Sharing a Common Address	9531666			12/27/2016
Transparent Provisioning of Network Access to an Application	9537824			1/3/2017
Identification of patterns in stateful transactions	9942233			4/10/2018

CYVEILLANCE, INC.

EXHIBIT A

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Exhibit B

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EXHIBIT C

PATENTS

<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued or Published?</u>	<u>Issue Date:</u>
Knowledge discovery appliance	8484217			7/9/2013
Social engineering protection appliance	9123027			9/1/2015

ALPHAWAVE, INC.

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