

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT8000342

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	SECURITY INTEREST	
CONVEYING PARTY DATA		
	Name	Execution Date
	APPGATE CYBERSECURITY, INC.	06/09/2023
	CRYPTZONE NORTH AMERICA INC.	06/09/2023
	EASY SOLUTIONS ENTERPRISES CORP.	06/09/2023
	CATBIRD NETWORKS, INC.	06/09/2023
RECEIVING PARTY DATA		
Name:	U.S. BANK TRUST COMPANY, NATIONAL ASSOCIATION, AS COLLATERAL AGENT	
Street Address:	100 WALL STREET, SUITE 600	
City:	NEW YORK	
State/Country:	NEW YORK	
Postal Code:	10005	
PROPERTY NUMBERS Total: 51		
Property Type	Number	
Application Number:	16805348	
Application Number:	16805360	
Application Number:	16805368	
Application Number:	16805371	
Application Number:	17403700	
Application Number:	13918633	
Application Number:	14727623	
Application Number:	15336691	
Application Number:	15677954	
Application Number:	16508147	
Application Number:	14523624	
Application Number:	15910862	
Application Number:	14821103	
Application Number:	15707989	
Application Number:	14974378	
Application Number:	15443857	
Application Number:	15667526	

PATENT

507953207

REEL: 063956 FRAME: 0470

Property Type	Number
Application Number:	16212444
Application Number:	15800953
Application Number:	16373362
Application Number:	15408132
Application Number:	16700080
Application Number:	14578140
Application Number:	14828357
Application Number:	15853178
Application Number:	16207566
Application Number:	14630550
Application Number:	15902912
Application Number:	16519990
Application Number:	15260881
Application Number:	15666227
Application Number:	16113833
Application Number:	15289764
Application Number:	15053422
Application Number:	15488132
Application Number:	16565139
Application Number:	15168863
Application Number:	14716684
Application Number:	15697328
Application Number:	16134584
Application Number:	15099993
Application Number:	16393864
Application Number:	15794763
Application Number:	16460058
Application Number:	16460649
Application Number:	16045527
Application Number:	16196870
Application Number:	16424856
Application Number:	16798084
Application Number:	15930334
Application Number:	17148395

CORRESPONDENCE DATA

Fax Number: (305)961-5812

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: 3055790812
Email: mrv@gtlaw.com
Correspondent Name: GREENBERG TRAURIG, P.A. ATT: M.VALCARCEL
Address Line 1: 333 S.E. 2ND AVENUE, 44TH FLOOR
Address Line 4: MIAMI, FLORIDA 33131

ATTORNEY DOCKET NUMBER:	192254.010000
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NAME OF SUBMITTER:	MANUEL VALCARCEL, ESQ.
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SIGNATURE:	/Manuel Valcarcel/
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DATE SIGNED:	06/10/2023
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Total Attachments: 5

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SHORT-FORM PATENTS SECURITY AGREEMENT

WHEREAS, each entity set forth on the signature pages hereto (each, a “Grantor”) is the owner of the patent applications and patents listed in the attached Schedule of Patents and Patent Applications associated therewith;

WHEREAS, each Grantor has contemporaneously with the execution of this Short-Form Patents Security Agreement entered into the Pledge and Security Agreement dated as of June 9, 2023 (as modified from time to time, the “Security Agreement”), in which such Grantor has granted a security interest in favor of U.S. Bank Trust Company, National Association, as Collateral Agent (as defined in the Security Agreement) with respect to the Patent Collateral (as defined therein) for the benefit of the Secured Parties (as defined therein); and

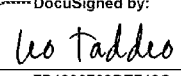
WHEREAS, pursuant to the Security Agreement, each Grantor has agreed with Collateral Agent and the Secured Parties to execute this Short-Form Patents Security Agreement;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each Grantor hereby grants to Collateral Agent for the benefit of the Secured Parties, to the extent provided in the Security Agreement (the terms and conditions of which are hereby incorporated herein), a security interest in all of its right, title and interest in, to and under all the patents and patent applications whether now owned or at any time hereafter acquired, of such Grantor issued by, or for which applications have been filed with, the United States Patent and Trademark Office, including the patents and applications on the attached Schedule of Patents and Patent Applications, and all related patents and applications thereto, including all reissuances, continuations, continuations-in-part, revisions, extensions, re-examinations thereof, any patents and patent applications claiming priority to said patents and patent applications or from which said patents and patent applications claim priority, and pending applications associated therewith, as collateral security for the prompt and complete payment and performance when due of all the Secured Obligations (as defined in the Security Agreement). Notwithstanding the foregoing, in the event of any conflict between this Short Form Patents Security Agreement and the Security Agreement, the Security Agreement shall control.

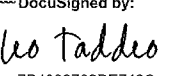
[Signature page follows]

Date: June 9 , 2023

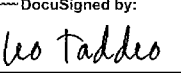
APPGATE CYBERSECURITY, INC.

DocuSigned by:
By: 
Name: Leo Taddeo
Title: CEO and President

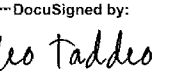
CRYPTZONE NORTH AMERICA INC.

DocuSigned by:
By: 
Name: Leo Taddeo
Title: CEO and President

EASY SOLUTIONS ENTERPRISES CORP.

DocuSigned by:
By: 
Name: Leo Taddeo
Title: CEO and President

CATBIRD NETWORKS, INC.

DocuSigned by:
By: 
Name: Leo Taddeo
Title: CEO and President

[Signature page to Patent Security Agreement]

PATENT
REEL: 063956 FRAME: 0474

SCHEDULE OF
PATENTS AND PATENT APPLICATIONS

Owner	Country	Registration or App Number	Patent Title
Appgate Cybersecurity, Inc.	United States of America	16/805,348	NETWORK ACCESS CONTROLLER OPERATION
Appgate Cybersecurity, Inc.	United States of America	16/805,360	MULTIPLE GATEWAY CONTROLLERS TO ESTABLISH NETWORK ACCESS
Appgate Cybersecurity, Inc.	United States of America	16/805,368	MANAGEMENT OF NETWORK ACCESS REQUEST BASED ON SOURCE ADDRESS OF DEVICE
Appgate Cybersecurity, Inc.	United States of America	16/805,371	ESTABLISHING NETWORK TUNNEL IN RESPONSE TO ACCESS REQUEST
Appgate Cybersecurity, Inc.	United States of America	17/403,700	PRIVATE NETWORK ACCESS
Catbird Networks, Inc.	United States of America	13/918,633	SYSTEMS AND METHODS FOR DYNAMIC NETWORK SECURITY CONTROL AND CONFIGURATION
Catbird Networks, Inc.	United States of America	14/727,623	SYSTEMS AND METHODS FOR DYNAMIC NETWORK SECURITY CONTROL AND CONFIGURATION
Catbird Networks, Inc.	United States of America	15/336,691	SYSTEMS AND METHODS FOR DYNAMIC NETWORK SECURITY CONTROL AND CONFIGURATION
Catbird Networks, Inc.	United States of America	15/677,954	SYSTEMS AND METHODS FOR DYNAMIC NETWORK SECURITY CONTROL AND CONFIGURATION
Catbird Networks, Inc.	United States of America	16/508,147	SYSTEMS AND METHODS FOR DYNAMIC NETWORK SECURITY CONTROL AND CONFIGURATION
Catbird Networks, Inc.	United States of America	14/523,624	SYSTEMS AND METHODS FOR NETWORK FLOW ANALYSIS AND REPORTING
Catbird Networks, Inc.	United States of America	15/910,862	SYSTEMS AND METHODS FOR NETWORK FLOW ANALYSIS AND REPORTING
Catbird Networks, Inc.	United States of America	14/821,103	SYSTEMS AND METHODS FOR CREATING AND MODIFYING ACCESS CONTROL LISTS
Catbird Networks, Inc.	United States of America	15/707,989	SYSTEMS AND METHODS FOR CREATING AND MODIFYING ACCESS CONTROL LISTS
Catbird Networks, Inc.	United States of America	14/974,378	SYSTEMS AND METHODS FOR NETWORK DATA FLOW AGGREGATION
Catbird Networks, Inc.	United States of America	15/443,857	BEHAVIORAL BASELINING OF NETWORK SYSTEMS
Catbird Networks, Inc.	United States of America	15/667,526	BEHAVIORAL BASELINING OF NETWORK SYSTEMS
Catbird Networks, Inc.	United States of America	16/212,444	UPDATING SECURITY CONTROLS OR POLICIES BASED ON ANALYSIS OF COLLECTED OR CREATED METADATA

Owner	Country	Registration or App Number	Patent Title
Cryptzone North America Inc.	United States of America	15/800,953	NAME RESOLVING IN SEGMENTED NETWORKS
Cryptzone North America Inc.	United States of America	16/373,362	NAME RESOLVING IN SEGMENTED NETWORKS
Cryptzone North America Inc.	United States of America	15/408,132	SYSTEMS AND METHODS FOR PROTECTING NETWORK DEVICES BY A FIREWALL
Cryptzone North America Inc.	United States of America	16/700,080	SYSTEMS AND METHODS FOR PROTECTING NETWORK DEVICES BY A FIREWALL
Cryptzone North America, Inc.	United States of America	14/578,140	SYSTEMS AND METHODS FOR PROTECTING NETWORK DEVICES
Cryptzone North America, Inc.	United States of America	14/828,357	SYSTEMS AND METHODS FOR PROTECTING NETWORK DEVICES
Cryptzone North America, Inc.	United States of America	15/853,178	SYSTEMS AND METHODS FOR PROTECTING NETWORKING DEVICES BY A FIREWALL
Cryptzone North America, Inc.	United States of America	16/207,566	SYSTEMS AND METHODS FOR PROTECTING NETWORK DEVICES BY A FIREWALL
Cryptzone North America, Inc.	United States of America	14/630,550	MULTI-TUNNELING VIRTUAL NETWORK ADAPTER
Cryptzone North America, Inc.	United States of America	15/902,912	MULTI-TUNNELING VIRTUAL NETWORK ADAPTER
Cryptzone North America, Inc.	United States of America	16/519,990	MULTI-TUNNELING VIRTUAL NETWORK ADAPTER
Cryptzone North America, Inc.	United States of America	15/260,881	CLIENT NETWORK ACCESS PROVISION BY A NETWORK TRAFFIC MANAGER
Cryptzone North America, Inc.	United States of America	15/666,227	CLIENT NETWORK ACCESS PROVISION BY A NETWORK TRAFFIC MANAGER
Cryptzone North America, Inc.	United States of America	16/113,833	CLIENT NETWORK ACCESS PROVISION BY A NETWORK TRAFFIC MANAGER
Cryptzone North America, Inc.	United States of America	15/289,764	NAME RESOLVING IN SEGMENTED NETWORKS
Cryptzone North America, Inc.	United States of America	15/053,422	PROTECTING NETWORK DEVICES BY A FIREWALL
Cryptzone North America, Inc.	United States of America	15/488,132	PROTECTING NETWORK DEVICES BY A FIREWALL

Owner	Country	Registration or App Number	Patent Title
Cryptzone North America, Inc.	United States of America	16/565,139	PROTECTING NETWORK DEVICES BY A FIREWALL
Cryptzone North America, Inc.	United States of America	15/168,863	SYSTEMS AND METHODS FOR PROTECTING NETWORK DEVICES BY A FIREWALL
Easy Solutions Enterprises Corp.	United States of America	14/716,684	SYSTEMS AND METHODS FOR DETECTING AND ADDRESSING HTML-MODIFYING MALWARE
Easy Solutions Enterprises Corp.	United States of America	15/697,328	SYSTEMS AND METHODS FOR DETECTING AND ADDRESSING HTML-MODIFYING MALWARE
Easy Solutions Enterprises Corp.	United States of America	16/134,584	SYSTEMS AND METHODS FOR DETECTING AND ADDRESSING HTML-MODIFYING MALWARE
Easy Solutions Enterprises Corp.	United States of America	15/099,993	SYSTEMS AND METHODS FOR DETECTING AND ADDRESSING REMOTE ACCESS MALWARE
Easy Solutions Enterprises Corp.	United States of America	16/393,864	SYSTEMS AND METHODS FOR DETECTING AND ADDRESSING REMOTE ACCESS MALWARE
Easy Solutions Enterprises Corp.	United States of America	15/794,763	SYSTEMS AND METHODS TO DETECT AND NOTIFY VICTIMS OF PHISHING ACTIVITIES
Easy Solutions Enterprises Corp.	United States of America	16/460,058	PUPIL OR IRIS TRACKING FOR LIVENESS DETECTION IN AUTHENTICATION PROCESSES
Easy Solutions Enterprises Corp.	United States of America	16/460,649	LOCATION SPOOFING DETECTION USING ROUND-TRIP TIMES
Easy Solutions Enterprises Corp.	United States of America	16/045,527	PHISHING DETECTION ENHANCED THROUGH MACHINE LEARNING TECHNIQUES
Easy Solutions Enterprises Corp.	United States of America	16/196,870	CLASSIFICATION OF TRANSPORT LAYER SECURITY CERTIFICATES USING ARTIFICIAL NEURAL NETWORKS
Easy Solutions Enterprises Corp.	United States of America	16/424,856	ANTI-IMPERSONATION TECHNIQUES USING DEVICE-CONTEXT INFORMATION AND USER BEHAVIOR INFORMATION
Easy Solutions Enterprises Corp.	United States of America	16/798,084	KEYBOARD AND MOUSE BASED BEHAVIORAL BIOMETRICS TO ENHANCE PASSWORD-BASED LOGIN AUTHENTICATION USING MACHINE LEARNING MODEL
Easy Solutions Enterprises Corp.	United States of America	15/930,334	PHYSICAL DOCUMENT VERIFICATION IN UNCONTROLLED ENVIRONMENTS
Easy Solutions Enterprises Corp.	United States of America	17/148,395	ONE-SHOT BEHAVIORAL BIOMETRICS FOR LOGIN AUTHENTICATION USING MACHINE LEARNING MODEL