

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

Assignment ID: PATI431688

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	Termination and Release of First Lien Security Interest in Certain Patents Recorded at Reel 057453, Frame 0053
SEQUENCE:	1

CONVEYING PARTY DATA

Name	Execution Date
UBS AG, Stamford Branch, as Collateral Agent	08/14/2024

RECEIVING PARTY DATA

Company Name:	Musarubra US LLC
Street Address:	6000 Headquarters Drive
City:	Plano
State/Country:	TEXAS
Postal Code:	75024

PROPERTY NUMBERS Total: 152

Property Type	Number
Patent Number:	10382489
Patent Number:	10911496
Patent Number:	10721273
Patent Number:	6209101
Patent Number:	6789202
Patent Number:	8181222
Patent Number:	6931546
Patent Number:	7716719
Patent Number:	7861285
Patent Number:	6871279
Patent Number:	6920558
Patent Number:	6611925
Patent Number:	6947986
Patent Number:	6976068
Patent Number:	7069581
Patent Number:	8621077
Patent Number:	8776230
Patent Number:	8954716
Patent Number:	10193928

PATENT

Property Type	Number
Patent Number:	10038720
Patent Number:	7483861
Patent Number:	7693742
Patent Number:	6941358
Patent Number:	7062783
Patent Number:	7865938
Patent Number:	8341693
Patent Number:	8850530
Patent Number:	9998478
Patent Number:	7669237
Patent Number:	8010689
Patent Number:	8955036
Patent Number:	7953814
Patent Number:	8363793
Patent Number:	9210111
Patent Number:	9560064
Patent Number:	8365276
Patent Number:	RE48043
Patent Number:	8484327
Patent Number:	8352930
Patent Number:	8087065
Patent Number:	8671448
Patent Number:	9350760
Patent Number:	9917863
Patent Number:	8726385
Patent Number:	9385991
Patent Number:	10033697
Patent Number:	7114183
Patent Number:	8584195
Patent Number:	7451488
Patent Number:	9571507
Patent Number:	11025647
Patent Number:	9560014
Patent Number:	10103892
Patent Number:	10142373
Patent Number:	10205798
Patent Number:	10148695
Patent Number:	10715556

Property Type	Number
Patent Number:	10171594
Patent Number:	10749843
Patent Number:	10484398
Patent Number:	10904269
Patent Number:	10237303
Patent Number:	9591028
Patent Number:	10135845
Patent Number:	10447714
Patent Number:	10819804
Patent Number:	7278163
Patent Number:	10382454
Patent Number:	9462471
Patent Number:	10021137
Patent Number:	10178132
Patent Number:	9807118
Patent Number:	9996690
Patent Number:	10061914
Patent Number:	10599662
Patent Number:	9691278
Patent Number:	9870466
Patent Number:	9912528
Patent Number:	10129125
Patent Number:	9917775
Patent Number:	9954805
Patent Number:	10691739
Patent Number:	10754703
Patent Number:	10204384
Patent Number:	10825111
Patent Number:	10909638
Patent Number:	10193858
Patent Number:	10476900
Patent Number:	10440037
Patent Number:	7089259
Patent Number:	7240102
Patent Number:	9253154
Patent Number:	10367786
Patent Number:	8667121
Patent Number:	8839349

Property Type	Number
Patent Number:	9548994
Patent Number:	8881289
Patent Number:	9648035
Patent Number:	9058486
Patent Number:	9635047
Patent Number:	10505965
Patent Number:	8954573
Patent Number:	9160755
Patent Number:	10212188
Patent Number:	8738708
Patent Number:	8306988
Patent Number:	8411684
Patent Number:	8352939
Patent Number:	8645949
Patent Number:	8516478
Patent Number:	7308706
Patent Number:	6826698
Patent Number:	7680890
Patent Number:	7051077
Patent Number:	8484295
Patent Number:	8561175
Patent Number:	9094434
Patent Number:	8091117
Patent Number:	8789140
Patent Number:	8793763
Patent Number:	7536456
Patent Number:	7624422
Patent Number:	7627891
Patent Number:	9536057
Patent Number:	11005895
Patent Number:	10609088
Patent Number:	9798559
Patent Number:	10812466
Patent Number:	10050980
Patent Number:	10546131
Patent Number:	10078753
Patent Number:	10769276
Patent Number:	11651074

Property Type	Number
Patent Number:	11722295
Patent Number:	11076003
Patent Number:	11418605
Patent Number:	11416606
Patent Number:	11429625
Patent Number:	11089038
Patent Number:	11621965
Patent Number:	11336665
Patent Number:	11140179
Patent Number:	11671371
Patent Number:	11665205
Patent Number:	11126727
Patent Number:	11556641
Patent Number:	11909769
Application Number:	17320129
Application Number:	16993660
Application Number:	17155318
Application Number:	16246691
Application Number:	17188243

CORRESPONDENCE DATA

Fax Number:

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.

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Address Line 1: 555 South Flower Street, Suite 2700

Address Line 4: Los Angeles, CALIFORNIA 90071

ATTORNEY DOCKET NUMBER:	1145754-0096-S216
NAME OF SUBMITTER:	Justine Lu
SIGNATURE:	Justine Lu
DATE SIGNED:	08/15/2024

Total Attachments: 9

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**TERMINATION AND RELEASE OF
FIRST LIEN SECURITY INTEREST IN CERTAIN PATENTS**

This Termination and Release of First Lien Security Interest in Certain Patents (“Release”) is made as of August 14, 2024, by **UBS AG, STAMFORD BRANCH**, a Switzerland bank (in such capacity, together with its successors and assigns, “Collateral Agent”) in favor of **MUSARUBRA US LLC**, a Delaware limited liability company with an address at 6000 Headquarters Drive, Plano, Texas (the “Grantor”).

W I T N E S S E T H:

WHEREAS, the Grantor entered into a certain First Lien Patent Security Agreement dated July 27, 2021 (the “Patent Security Agreement”) with Collateral Agent, notice of which was recorded on July 27, 2021 at the United States Patent and Trademark Office at Reel 057453, Frame 0053.

Capitalized terms used but not otherwise defined herein have the meanings given to them in the Patent Security Agreement.

WHEREAS, the Grantor granted the Collateral Agent, under the terms of the Patent Security Agreement, a continuing security interest (the “Security Interest”) in favor of the Collateral Agent, in all of its right, title and interest in, to, and under the Patents listed in **Schedule A**.

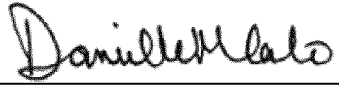
WHEREAS, the Collateral Agent has agreed to terminate and release its security interest solely in the Patents set forth in **Schedule A**.

NOW, THEREFORE, in consideration of the foregoing, and intending to be legally bound, the Collateral Agent, for itself and on behalf of the lenders in association with the Security Interest, (i) hereby releases, terminates and discharges (in each case, without any recourse to, or any representation or warranty by, the Collateral Agent) any and all of its interest in, to and under the Patents of the Grantor set forth in **Schedule A**, and assigns, transfers and conveys to Grantor (in each case, without any recourse to, or any representation or warranty by, the Collateral Agent) any interest in such intellectual property, including the Security Interest; and (ii) authorizes and requests that the United States Patent and Trademark Office Record this Release.


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IN WITNESS WHEREOF, the Collateral Agent has caused this Release to be executed as of the day and year first written above.

UBS AG, STAMFORD BRANCH,
as Collateral Agent

By: 

Name: Danielle Calo
Title: Associate Director

By: 

Name:  Muhammad Afzal, Director
Title:

SCHEDULE A

ISSUED UNITED STATES PATENTS

REGISTERED OWNER	PATENT NUMBER	DESCRIPTION
Musarubra US LLC	10382489	Technologies For Privacy-Preserving Security Policy Evaluation
Musarubra US LLC	10911496	Technologies For Privacy-Preserving Security Policy Evaluation
Musarubra US LLC	10721273	Automated Security Policy
Musarubra US LLC	6209101	Adaptive Security System Having A Hierarchy Of Security Servers
Musarubra US LLC	6789202	Method And Apparatus For Providing A Policy-Driven Intrusion Detection System
Musarubra US LLC	8181222	Locally Adaptable Central Security Management In A Heterogeneous Network Environment
Musarubra US LLC	6931546	System And Method For Providing Application Services With Controlled Access Into Privileged Processes
Musarubra US LLC	7716719	System And Method For Providing Application Services With Controlled Access Into Privileged Processes
Musarubra US LLC	7861285	System, Method And Computer Program Product For Authenticating Users Using A Lightweight Directory Access Protocol (Ldap) Directory Server
Musarubra US LLC	6871279	Method And Apparatus For Securely And Dynamically Managing User Roles In A Distributed System
Musarubra US LLC	6920558	Method And Apparatus For Securely And Dynamically Managing User Roles In A Distributed System
Musarubra US LLC	6611925	Single Point Of Entry/Origination Item Scanning Within An Enterprise Or Workgroup
Musarubra US LLC	6947986	System And Method For Providing Web-Based Remote Security Application Client Administration In A Distributed Computing Environment
Musarubra US LLC	6976068	Method And Apparatus To Facilitate Remote Software Management By Applying Network Address-Sorting Rules On A Hierarchical Directory Structure
Musarubra US LLC	7069581	Method And Apparatus To Facilitate Cross-Domain Push Deployment Of Software In An Enterprise Environment
Musarubra US LLC	8621077	Distribution Of Security Policies For Small To Medium-Sized Organizations
Musarubra US LLC	8776230	Master Security Policy Server
Musarubra US LLC	8954716	Master Security Policy Server
Musarubra US LLC	10193928	Master Security Policy Server
Musarubra US LLC	10038720	Master Security Policy Server
Musarubra US LLC	7483861	System, Method And Computer Program Product For A Network Analyzer Business Model
Musarubra US LLC	7693742	System, Method And Computer Program Product For A Network Analyzer Business Model

REGISTERED OWNER	PATENT NUMBER	DESCRIPTION
Musarubra US LLC	6941358	Enterprise Interface For Network Analysis Reporting
Musarubra US LLC	7062783	Comprehensive Enterprise Network Analyzer, Scanner And Intrusion Detection Framework
Musarubra US LLC	7865938	Enterprise-Wide Security System For Computer Devices
Musarubra US LLC	8341693	Enterprise-Wide Security System For Computer Devices
Musarubra US LLC	8850530	Enterprise-Wide Security System For Computer Devices
Musarubra US LLC	9998478	Enterprise-Wide Security System For Computer Devices
Musarubra US LLC	7669237	Enterprise-Wide Security System For Computer Devices
Musarubra US LLC	8010689	Locational Tagging In A Capture System
Musarubra US LLC	8955036	System Asset Repository Management
Musarubra US LLC	7953814	Stopping And Remediating Outbound Messaging Abuse
Musarubra US LLC	8363793	Stopping And Remediating Outbound Messaging Abuse
Musarubra US LLC	9210111	Stopping And Remediating Outbound Messaging Abuse
Musarubra US LLC	9560064	Stopping And Remediating Outbound Messaging Abuse
Musarubra US LLC	8365276	System, Method And Computer Program Product For Sending Unwanted Activity Information To A Central System
Musarubra US LLC	RE48043	System, Method And Computer Program Product For Sending Unwanted Activity Information To A Central System
Musarubra US LLC	8484327	Method And System For Generic Real Time Management Of Devices On Computers Connected To A Network
Musarubra US LLC	8352930	Software Modification By Group To Minimize Breakage
Musarubra US LLC	8087065	Method And System For Implementing Mandatory File Access Control In Native Discretionary Access Control Environments
Musarubra US LLC	8671448	Method And System For Implementing Mandatory File Access Control In Native Discretionary Access Control Environments
Musarubra US LLC	9350760	Method And System For Implementing Mandatory File Access Control In Native Discretionary Access Control Environments
Musarubra US LLC	9917863	Method And System For Implementing Mandatory File Access Control In Native Discretionary Access Control Environments
Musarubra US LLC	8726385	Distributed System For Tracking And Blocking Malicious Internet Hosts
Musarubra US LLC	9385991	Distributed System And Method For Tracking And Blocking Malicious Internet Hosts
Musarubra US LLC	10033697	Distributed System And Method For Tracking And Blocking Malicious Internet Hosts
Musarubra US LLC	7114183	Network Adaptive Baseline Monitoring System And Method
Musarubra US LLC	8584195	Identities Correlation Infrastructure For Passive Network Monitoring

REGISTERED OWNER	PATENT NUMBER	DESCRIPTION
Musarubra US LLC	7451488	Policy-Based Vulnerability Assessment
Musarubra US LLC	9571507	Providing A Virtual Security Appliance Architecture To A Virtual Cloud Infrastructure
Musarubra US LLC	11025647	Providing A Virtual Security Appliance Architecture To A Virtual Cloud Infrastructure
Musarubra US LLC	9560014	System And Method For An Endpoint Hardware Assisted Network Firewall In A Security Environment
Musarubra US LLC	10103892	System And Method For An Endpoint Hardware Assisted Network Firewall In A Security Environment
Musarubra US LLC	10142373	Security-Connected Framework
Musarubra US LLC	10205798	Merging Multiple System Trees Over A Data Exchange Layer
Musarubra US LLC	10148695	Real-Time Policy Distribution
Musarubra US LLC	10715556	Real-Time Policy Distribution
Musarubra US LLC	10171594	Service-Oriented Architecture
Musarubra US LLC	10749843	One-Click Reputation Adjustment
Musarubra US LLC	10484398	Threat Intelligence On A Data Exchange Layer
Musarubra US LLC	10904269	Threat Intelligence On A Data Exchange Layer
Musarubra US LLC	10237303	Prevalence-Based Reputations
Musarubra US LLC	9591028	Visualization And Analysis Of Complex Security Information
Musarubra US LLC	10135845	Context-Aware Network On A Data Exchange Layer
Musarubra US LLC	10447714	Context-Aware Network On A Data Exchange Layer
Musarubra US LLC	10819804	Efficient Request-Response Routing Over A Data Exchange Layer
Musarubra US LLC	7278163	Security Risk Analysis System And Method
Musarubra US LLC	10382454	Data Mining Algorithms Adopted For Trusted Execution Environment
Musarubra US LLC	9462471	Identification Of Call Participants
Musarubra US LLC	10021137	Real-Time Mobile Security Posture
Musarubra US LLC	10178132	Real-Time Mobile Security Posture
Musarubra US LLC	9807118	Security Orchestration Framework
Musarubra US LLC	9996690	Binary Translation Of A Trusted Binary With Input Tagging
Musarubra US LLC	10061914	Account Recovery Protocol

REGISTERED OWNER	PATENT NUMBER	DESCRIPTION
Musarubra US LLC	10599662	Query Engine For Remote Endpoint Information Retrieval
Musarubra US LLC	9691278	Systems And Methods For Traffic Control
Musarubra US LLC	9870466	Hardware-Enforced Code Paths
Musarubra US LLC	9912528	Security Content Over A Management Band
Musarubra US LLC	10129125	Identifying A Source Device In A Software-Defined Network
Musarubra US LLC	9917775	Intelligent Devices In A Software-Defined Network
Musarubra US LLC	9954805	Graymail Filtering-Based On User Preferences
Musarubra US LLC	10691739	Multi-Label Content Recategorization
Musarubra US LLC	10754703	Trusted Computing Resource Meter
Musarubra US LLC	10204384	Verified Social Media Content
Musarubra US LLC	10825111	Verified Social Media Content
Musarubra US LLC	10909638	Verified Social Media Content
Musarubra US LLC	10193858	Attestation Device Custody Transfer Protocol
Musarubra US LLC	10476900	Safe Sharing Of Sensitive Data
Musarubra US LLC	10440037	Identifying Malware-Suspect End Points Through Entropy Changes in Consolidated Logs
Musarubra US LLC	7089259	System and method for providing a framework for network appliance management in a distributed computing environment
Musarubra US LLC	7240102	System and method for providing web browser-based secure remote network appliance configuration in a distributed computing environment
Musarubra US LLC	9253154	Configuration management for a capture/registration system
Musarubra US LLC	10367786	Configuration management for a capture/registration system
Musarubra US LLC	8667121	System and method for managing data and policies
Musarubra US LLC	8839349	Integrating security policy and event management
Musarubra US LLC	9548994	Integrating security policy and event management
Musarubra US LLC	8881289	User behavioral risk assessment
Musarubra US LLC	9648035	User behavioral risk assessment
Musarubra US LLC	9058486	User behavioral risk assessment
Musarubra US LLC	9635047	User behavioral risk assessment

REGISTERED OWNER	PATENT NUMBER	DESCRIPTION
Musarubra US LLC	10505965	User behavioral risk assessment
Musarubra US LLC	8954573	Network address repository management
Musarubra US LLC	9160755	Trusted communication network
Musarubra US LLC	10212188	Trusted communication network
Musarubra US LLC	8738708	Bounce management in a trusted communication network
Musarubra US LLC	8306988	System, method, and computer program product for segmenting a database based, at least in part, on a prevalence associated with known objects included in the database
Musarubra US LLC	8411684	System, method, and computer program product for determining a hop count between network devices utilizing a binary search
Musarubra US LLC	8352939	System, method, and computer program product for performing a security or maintenance operation in association with virtual disk data
Musarubra US LLC	8645949	System, method, and computer program product for scanning data utilizing one of a plurality of virtual machines of a device
Musarubra US LLC	8516478	SUBSEQUENT PROCESSING OF SCANNING TASK UTILIZING SUBSET OF VIRTUAL MACHINES PREDETERMINED TO HAVE SCANNER PROCESS AND ADJUSTING AMOUNT OF SUBSEQUENT VMs PROCESSING BASED ON LOAD
Musarubra US LLC	7308706	Associative policy model
Musarubra US LLC	6826698	System, method and computer program product for rule based network security policies
Musarubra US LLC	7680890	Fuzzy Logic Voting Method and System for Classifying E-mail Using Inputs from Multiple Spam Classifiers
Musarubra US LLC	7051077	Fuzzy Logic Voting Method and System for Classifying E-mail Using Inputs from Multiple Spam Classifiers
Musarubra US LLC	8484295	Subscriber reputation filtering method for analyzing subscriber activity and detecting account misuse
Musarubra US LLC	8561175	System and method for automated policy audit and remediation management
Musarubra US LLC	9094434	System and method for automated policy audit and remediation management
Musarubra US LLC	8091117	System and method for interfacing with heterogeneous network data gathering tools
Musarubra US LLC	8789140	System and method for interfacing with heterogeneous network data gathering tools
Musarubra US LLC	8793763	System and method for interfacing with heterogeneous network data gathering tools
Musarubra US LLC	7536456	System and method for applying a machine-processable policy rule to information gathered about a network
Musarubra US LLC	7624422	System and method for security information normalization
Musarubra US LLC	7627891	Network audit and policy assurance system
Musarubra US LLC	9536057	Premises aware security
Musarubra US LLC	11005895	Location services on a data exchange layer

REGISTERED OWNER	PATENT NUMBER	DESCRIPTION
Musarubra US LLC	10609088	Location services on a data exchange layer
Musarubra US LLC	9798559	Trusted binary translation
Musarubra US LLC	10812466	Using trusted platform module to build real time indicators of attack information
Musarubra US LLC	10050980	Enterprise reputations for uniform resource locators
Musarubra US LLC	10546131	End-point visibility
Musarubra US LLC	10078753	Advanced threat protection cross-product security controller
Musarubra US LLC	10769276	Advanced threat protection cross-product security controller
Musarubra US LLC	11651074	Immersive Virtual Security Operations Environment
Musarubra US LLC	11722295	Methods, Apparatus, and Articles of Manufacture to Securely Audit Communications
Musarubra US LLC	11076003	Service-Oriented Architecture
Musarubra US LLC	11418605	Efficient Request-Response Routing Over A Data Exchange Layer
Musarubra US LLC	11416606	Agent Presence For Self-Healing
Musarubra US LLC	11429625	Query Engine For Remote Endpoint Information Retrieval
Musarubra US LLC	11089038	Safe Sharing Of Sensitive Data
Musarubra US LLC	11621965	Analysis of Endpoint Detect and Response Data
Musarubra US LLC	11336665	Identifying Malware-Suspect End Points Through Entropy Changes in Consolidated Logs
Musarubra US LLC	11140179	Cybersecurity investigation tools utilizing information graphs
Musarubra US LLC	11671371	Synchronization of Multi-Stack Nodes
Musarubra US LLC	11665205	Location services on a data exchange layer
Musarubra US LLC	11126727	End-point visibility
Musarubra US LLC	11556641	Advanced threat protection cross-product security controller
Musarubra US LLC	11909769	Technologies For Privacy-Preserving Security Policy Evaluation

UNITED STATES PATENT APPLICATIONS

APPLICANT	APPLICATION NO.	DESCRIPTION
Musarubra US LLC	17/320,129	Providing A Virtual Security Appliance Architecture To A Virtual Cloud Infrastructure
Musarubra US LLC	16/993,660	One-Click Reputation Adjustment
Musarubra US LLC	17/155,318	Threat Intelligence On A Data Exchange Layer

APPLICANT	APPLICATION NO.	DESCRIPTION
Musarubra US LLC	16/246,691	Attestation Device Custody Transfer Protocol
Musarubra US LLC	17/188,243	Systems, methods, and media for monitoring cloud configuration settings
Musarubra US LLC	17/155,318	Threat intelligence on a data exchange layer