PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: PATI692938

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
BANK OF AMERICA, N.A., as Collateral Agent	12/09/2024

RECEIVING PARTY DATA

Company Name:	VERITAS TECHNOLOGIES LLC
Street Address:	2625 Augustine Drive
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 69

Property Type	Number
Application Number:	14605541
Application Number:	14691076
Application Number:	14753786
Application Number:	14820416
Application Number:	14867516
Application Number:	14965249
Application Number:	14977031
Application Number:	14978071
Application Number:	14979628
Application Number:	14979635
Application Number:	14980993
Application Number:	14982360
Application Number:	14983871
Application Number:	14984216
Application Number:	14987321
Application Number:	15004572
Application Number:	15005774
Application Number:	15006495
Application Number:	15010444
Application Number:	15010487

Property Type	Number
Application Number:	15010815
Application Number:	15014046
Application Number:	15014047
Application Number:	15041039
Application Number:	15047479
Application Number:	15054728
Application Number:	15055090
Application Number:	15056616
Application Number:	15057011
Application Number:	15067222
Application Number:	15067227
Application Number:	15072384
Application Number:	15079068
Application Number:	15085222
Application Number:	15085265
Application Number:	15086361
Application Number:	15087345
Application Number:	15087946
Application Number:	15140517
Application Number:	15141868
Application Number:	15142466
Application Number:	15147862
Application Number:	15148901
Application Number:	15150649
Application Number:	15168449
Application Number:	15177454
Application Number:	15179578
Application Number:	15190041
Application Number:	15192685
Application Number:	15195143
Application Number:	15199002
Application Number:	15230253
Application Number:	15233849
Application Number:	15238937
Application Number:	15248835
Application Number:	15252439
Application Number:	15252452
Application Number:	15252465

Property Type	Number
Application Number:	15252487
Application Number:	15259966
Application Number:	15261596
Application Number:	15266251
Application Number:	15268302
Application Number:	15279694
Application Number:	15279721
Application Number:	15279743
Application Number:	15279763
Application Number:	15282626
Application Number:	29554905

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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ATTORNEY DOCKET NUMBER:	2593232 JD PAT REL G1
NAME OF SUBMITTER:	Andrew Hackett
SIGNATURE:	Andrew Hackett
DATE SIGNED:	12/13/2024

Total Attachments: 10
source=1. BofA Patent Release 040679-0466 Filing Draft#page1.tiff
source=1. BofA Patent Release 040679-0466 Filing Draft#page2.tiff
source=1. BofA Patent Release 040679-0466 Filing Draft#page3.tiff
source=1. BofA Patent Release 040679-0466 Filing Draft#page4.tiff
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source=1. BofA Patent Release 040679-0466 Filing Draft#page10.tiff

RELEASE OF SECURITY INTEREST IN PATENTS

This RELEASE OF SECURITY INTEREST IN PATENTS (this "Release"), dated as of December 9, 2024, is made by BANK OF AMERICA, N.A., as Collateral Sub-Agent (as defined below) pursuant to that certain Successor Agent Agreement referred to below, in favor of VERITAS TECHNOLOGIES LLC (the "Grantor"). Capitalized terms used but not defined herein have the meanings given to them in the Patent Security Agreement (as defined below), whether defined directly therein or by reference to another agreement.

WHEREAS, pursuant to that certain Security Agreement, dated January 29, 2016, by and among the Grantor, Bank of America, N.A., in its capacity as collateral agent for the Secured Parties (in such capacity, the "Original Collateral Agent") and certain other parties (as may have been amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Security Agreement"), the Grantor executed and delivered in favor of the Original Collateral Agent that certain Patent Security Agreement, dated October 19, 2016, which was recorded in the United States Patent and Trademark Office ("USPTO") on November 23, 2016 at Reel/Frame 040679/0466 (the "Patent Security Agreement");

WHEREAS, pursuant to the Security Agreement and the Patent Security Agreement, the Grantor collaterally assigned, pledged and granted to the Original Collateral Agent (and its successors and permitted assigns) for the benefit of the Secured Parties, a security interest (the "Security Interest") in the Collateral, including, without limitation, the Patents listed on Schedule I hereto;

WHEREAS, pursuant to that certain Twelfth Amendment and Successor Agent Agreement (the "Successor Agent Agreement") dated as of November 22, 2024, among other things, (i) the Original Collateral Agent resigned and was succeeded by the Acquiom Agency Services LLC as collateral agent for the Secured Parties (in such capacity, the "Successor Collateral Agent"), and accordingly, assigned to the Successor Collateral Agent, and the Successor Collateral Agent assumed, the Patent Security Agreement and the Security Interest in the Collateral and (ii) the Successor Collateral Agent appointed and authorized the Original Collateral Agent to act its representative (in such capacity, the "Collateral Sub-Agent"), for purposes of holding, for the benefit of the Successor Collateral Agent, among other things, the Security Interest in the Collateral, and authorized the Collateral Sub-Agent to execute this Release with respect thereto; and

WHEREAS, the Grantor has requested that the Collateral Sub-Agent terminate and release its Security Interest in the Collateral, including, without limitation, the Patents listed on Schedule I hereto.

NOW, THEREFORE, in consideration of the foregoing, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Collateral Sub-Agent hereby (i) terminates and cancels the Patent Security Agreement, (ii) terminates, cancels, discharges and releases its Security Interest in the Collateral, including, without limitation, the Patents listed on Schedule I hereto, and (iii) re-assigns, re-transfers and re-conveys to the Grantor any right, title or interest it may have in or to the Collateral, including, without limitation, the Patents listed on Schedule I hereto, in each case without recourse to the Collateral Sub-Agent and without representation or warranty of any kind.
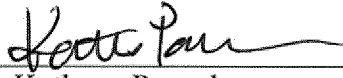
The Collateral Sub-Agent hereby agrees, upon the reasonable request and at the sole cost and expense of the Grantor, its successors or assigns, to deliver such further documents (as prepared by the Grantor and in form and substance satisfactory to the Collateral Sub-Agent without representation, warranty or recourse) and take such other actions, as are reasonably requested by the Grantor to more fully and effectively effectuate the purposes of this Release. The Grantor (and any successor to the Grantor, including any person or entity hereafter holding any right, title or interest in and to the Collateral) is hereby authorized to record this Release with the USPTO.

THIS RELEASE AND ANY CLAIMS, CONTROVERSY, DISPUTE OR CAUSE OF ACTION (WHETHER IN CONTRACT OR TORT OR OTHERWISE) BASED UPON, ARISING OUT OF OR RELATING TO THIS PATENT SECURITY AGREEMENT AND THE TRANSACTIONS CONTEMPLATED HEREBY SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK.

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

BANK OF AMERICA, N.A., as Collateral Agent

By: _____

Name: Kathryn Pounds
Title: Director

[Signature Page to Release of Security Interest in Patents]

SCHEDULE I

United States Patent Applications

Title	App. No.	App. Date	Registered Owner	Status
Method and Apparatus for Optimizing a Backup Chain Using Synthetic Backups	14/605,541	26 Jan 2015	Veritas Technologies LLC*	Application
Method to Discover Multiple Paths to Disk Devices Cluster Wide	14/691,076	4 Apr 2015	Veritas Technologies LLC*	Published
Method and apparatus for reliable I/O performance anomaly detection in datacenter	14/753,786	29 Jun 2015	Veritas Technologies LLC*	Allowed
Method and System for Information Retrieval Effectiveness Estimation in E-Discovery	14/820,416	6 Aug 2015	Veritas Technologies LLC*	Application
Extending fencing semantics of group reservation for Asymmetric Connectivity	14/867,516	28 Sep 2015	Veritas Technologies LLC*	Application
Systems and Methods for Restoring Data From Opaque Data Backup Streams	14/965,249	10 Dec 2015	Veritas Technologies LLC	Application
Optimizing Application Recovery In Unmanaged Clusters	14/977,031	21 Dec 2015	Veritas Technologies LLC	Application
Method for Flash friendly Caching for CDM workloads	14/978,071	22 Dec 2015	Veritas Technologies LLC	Application
Systems and Methods for Dynamically Adjusting Batch Request Sizes	14/979,628	28 Dec 2015	Veritas Technologies LLC	Application
Systems and Methods for Backing Up Large	14/979,635	28 Dec 2015	Veritas Technologies LLC	Application

PATENT
REEL: 069632 FRAME: 0619

Title	App. No.	App. Date	Registered Owner	Status
Distributed Scale Out Data Systems				
A method of near constant time recovery of continuously changing synthesized large data sets.	14/980,993	28 Dec 2015	Veritas Technologies LLC	Application
Recovery Chain Based Retention for Multi Tier Data Storage Auto Migration System	14/982,360	29 Dec 2015	Veritas Technologies LLC	Application
Method to Perform Multiple and Incremental Provisioning of Subsets of Application Data for a Non Production Environment	14/983,871	30 Dec 2015	Veritas Technologies LLC	Application
Systems and Methods for Efficiently Classifying Data Objects	14/984,216	30 Dec 2015	Veritas Technologies LLC	Application
Detecting Deviation of Data Center Connectivity By Conditional Sub Graph Matching	14/987,321	4 Jan 2016	Veritas Technologies LLC	Application
An algorithm for aggregating relevant log statements from distributed components of Velocity, which appropriately describes an Error Condition	15/004572	22 Jan 2016	Veritas Technologies LLC	Application
Intelligent Point in Time Selector	15/005,774	25 Jan 2016	Veritas Technologies LLC	Application
System and Method for allowing deduplication between disparate deduplicaiton engines using dissimilar fingerprints	15/006,495	26 Jan 2016	Veritas Technologies LLC	Application
Securing Internal Services In An Appliance	15/010,444	29 Jan 2016	Veritas Technologies LLC	Application
System and method to secure appliance services in a distributed environment.	15/010,487	29 Jan 2016	Veritas Technologies LLC	Application

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PATENT
REEL: 069632 FRAME: 0620

Title	App. No.	App. Date	Registered Owner	Status
A method to effectively calculate RPO in a periodic replication with multiple hops	15/010,815	29 Jan 2016	Veritas Technologies LLC	Application
Systems and Methods for Rerouting Data Sent Between Application Containers and Storage Containers	15/014,046	3 Feb 2016	Veritas Technologies LLC	Application
Systems and Methods for Performing Backups Within Cloud Based Applications	15/014,047	3 Feb 2016	Veritas Technologies LLC	Application
Systems and Methods for Enabling Search Services to Highlight Documents	15/041,039	11 Feb 2016	Veritas Technologies LLC	Application
Scalable Clusterwide de duplication	15/047,479	18 Feb 2016	Veritas Technologies LLC	Application
System and method for session level, application/information container oriented, unified data persistence and protection.	15/054,728	26 Feb 2016	Veritas Technologies LLC	Application
Method to accelerate restores using server side extent maps	15/055,090	26 Feb 2016	Veritas Technologies LLC	Application
Methods And Systems To Efficiently Find Similar And Near Duplicate Emails And Files	15/056,616	29 Feb 2016	Veritas Technologies LLC	Application
Display Screen With Animated Graphical User Interface	15/057,011	29 Feb 2016	Veritas Technologies LLC	Application
Systems and Methods for Preparing Email Databases for Analysis	15/067,222	11 Mar 2016	Veritas Technologies LLC	Application
Systems and Methods for Updating Email Analytics Databases	15/067,227	11 Mar 2016	Veritas Technologies LLC	Application

Title	App. No.	App. Date	Registered Owner	Status
Systems and Methods for Determining Topics of Data Artifacts	15/072,384	17 Mar 2016	Veritas Technologies LLC	Application
Systems and Methods for Repairing Corrupted Data Segments	15/079,068	24 Mar 2016	Veritas Technologies LLC	Application
Context driven smart restore/recovery using proven data analytic techniques	15/085,222	30 Mar 2016	Veritas Technologies LLC	Application
Sharing Services Between Deduplication Systems	15/085,265	30 Mar 2016	Veritas Technologies LLC	Application
Replication Between Heterogeneous Storage Systems	15/086,361	31 Mar 2016	Veritas Technologies LLC	Application
Dedupe aware storage quality of service.	15/087,345	31 Mar 2016	Veritas Technologies LLC	Application
Systems and Methods for Automated Document Review and Quality Control	15/087,946	31 Mar 2016	Veritas Technologies LLC	Application
Systems And Methods For Increasing Restore Speeds Of Backups Stored In Deduplicated Storage Systems	15/140,517	28 Apr 2016	Veritas Technologies LLC	Published
Systems and Methods for Clustering Data to Improve Data Analytics	15/141,868	29 Apr 2016	Veritas Technologies LLC	Application
Storage Tier Selection for Replication and Recovery	15/142,466	29 Apr 2016	Veritas Technologies LLC	Application
Systems and Methods for Repairing Corrupted Data Segments in Deduplicated Data Systems	15/147,862	5 May 2016	Veritas Technologies LLC	Application
I/O scheduling and load balancing across the multiple nodes of a clustered environment.	15/148,901	6 May 2016	Veritas Technologies LLC	Application

Title	App. No.	App. Date	Registered Owner	Status
Routing I/O Requests to Improve Read/Write Concurrency	15/150,649	10 May 2016	Veritas Technologies LLC	Application
Improving Throughput in Openfabrics Environments	15/168,449	31 May 2016	Veritas Technologies LLC	Application
Systems and Methods for Performing Data Replication in Distributed Cluster Environments	15/177,454	9 Jun 2016	Veritas Technologies LLC	Application
Data Locality Control For Dedupe System	15/179,578	10 Jun 2016	Veritas Technologies LLC	Application
Systems and Methods for Applying Content Based Retention Policies to Data Artifacts	15/190,041	22 Jun 2016	Veritas Technologies LLC	Application
Systems and Methods for Improving the Efficiency of Recording Data to Tape	15/192,685	24 Jun 2016	Veritas Technologies LLC	Application
Systems and Methods for Enabling Users to Select Databases	15/195,143	28 Jun 2016	Veritas Technologies LLC	Application
Systems and Methods for Making Snapshots Available	15/199,002	30 Jun 2016	Veritas Technologies LLC	Application
Systems and Methods for Provisioning Distributed Datasets	15/230,253	5 Aug 2016	Veritas Technologies LLC	Application
Systems and Methods for Managing Delayed Allocation on Clustered File Systems	15/233,849	10 Aug 2016	Veritas Technologies LLC	Application
Executing Custom Scripts from the Host During Disaster Recovery	15/238,937	17 Aug 2016	Veritas Technologies LLC	Application
Systems and Methods for Consistently Applying Rules to Messages	15/248,835	26 Aug 2016	Veritas Technologies LLC	Application

Title	App. No.	App. Date	Registered Owner	Status
Application Aware Input/Output Fencing	15/252,439	31 Aug 2016	Veritas Technologies LLC	Application
Application Aware Input/Output Fencing	15/252,452	31 Aug 2016	Veritas Technologies LLC	Application
Application Aware Input/Output Fencing	15/252,465	31 Aug 2016	Veritas Technologies LLC	Application
Cloud Replication Based on Adaptive Quality of Service	15/252,487	31 Aug 2016	Veritas Technologies LLC	Application
Block Level Deduplication	15/259,966	8 Sep 2016	Veritas Technologies LLC	Application
Systems and Methods for Performing Live Migrations of Software Containers	15/261,596	9 Sep 2016	Veritas Technologies LLC	Application
Systems and Methods for Delayed Allocation in Cluster Storage	15/266,251	15 Sep 2016	Veritas Technologies LLC	Application
Systems and Methods for Securing Cache Space for Critical Applications	15/268,302	16 Sep 2016	Veritas Technologies LLC	Application
Tracking Access Pattern of Inodes and Pre Fetching Inodes	15/279,694	29 Sep 2016	Veritas Technologies LLC	Application
Tracking Access Pattern of Inodes and Pre Fetching Inodes	15/279,721	29 Sep 2016	Veritas Technologies LLC	Application
Improving Application Performance in Replication Environments	15/279,743	29 Sep 2016	Veritas Technologies LLC	Application
Improving Application Performance in Replication Environments	15/279,763	29 Sep 2016	Veritas Technologies LLC	Application
Systems and Methods for Healing Images in Deduplication Storage	15/282,626	30 Sep 2016	Veritas Technologies LLC	Application

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Title	App. No.	App. Date	Registered Owner	Status
Display Screen With Animated Graphical User Interface	29/554,905	17 Feb 2016	Veritas Technologies LLC	Application

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