PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: PATI453691

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
AEROSPIKE, INC.	08/26/2024

RECEIVING PARTY DATA

Company Name:	CANADIAN IMPERIAL BANK OF COMMERCE, AS ADMINISTRATIVE AGENT
Street Address:	81 Bay Street, 10th Fl
City:	Toronto
State/Country:	CANADA
Postal Code:	M5J 0E7

PROPERTY NUMBERS Total: 19

Property Type	Number
Patent Number:	10599677
Patent Number:	10970305
Patent Number:	11615068
Patent Number:	8775464
Patent Number:	8799248
Patent Number:	9002871
Patent Number:	9172750
Patent Number:	9176867
Patent Number:	9201742
Patent Number:	9514168
Patent Number:	9514208
Application Number:	15488511
Patent Number:	11003550
Patent Number:	10445433
Application Number:	10970177
Application Number:	14326463
Application Number:	15712124
Application Number:	17898451
Patent Number:	10528254

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.

Phone:	(800)221-0102
Email:	ipteam@cogencyglobal.com
Correspondent Name:	Khadijah Sampson
Address Line 1:	1025 Connecticut Ave NW, Suite 712
Address Line 2:	COGENCY GLOBAL INC.
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20036

ATTORNEY DOCKET NUMBER:	2474620KSPT
NAME OF SUBMITTER:	Andrew Hackett
SIGNATURE:	Andrew Hackett
DATE SIGNED:	09/04/2024

Total Attachments: 8

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source=10.EXECUTED.CIBC - Aerospike - Intellectual Property Security Agreement (08.2024)#page2.tiff
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source=10.EXECUTED.CIBC - Aerospike - Intellectual Property Security Agreement (08.2024)#page8.tiff

INTELLECTUAL PROPERTY SECURITY AGREEMENT

August 26, 2024

This INTELLECTUAL PROPERTY SECURITY AGREEMENT (as amended, restated, supplemented or otherwise modified from time to time, this "*Agreement*") is entered into as of the date first written above, by and between **CANADIAN IMPERIAL BANK OF COMMERCE**, as administrative agent and collateral agent for the Lenders (in such capacities, together with any successors and assigns in such capacities, "*Administrative Agent*"), and **AEROSPIKE, INC.**, a Delaware corporation ("*Grantor*").

RECITALS

A.   Bank and Grantor are entering into that certain Credit Agreement dated as of the date hereof (as amended, restated, supplemented or otherwise modified from time to time, the "**Credit Agreement**"). Defined terms used herein without definition shall have the meanings set forth in the Credit Agreement.

B.   The Obligations are secured by the Collateral, as defined in the Credit Agreement, including without limitation, all of Grantor's Intellectual Property.

C.   Grantor's execution and delivery of this Agreement is a condition to the effectiveness of the Credit Agreement.

AGREEMENT

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, Grantor and Bank hereby agree:

1.   To secure the Obligations, Grantor grants Administrative Agent, for itself and the benefit of the Lenders, a security interest in all of such Grantor's right, title and interest in its Intellectual Property. Grantor hereby confirms that the attached schedules of Grantor's copyright, patent and trademark applications and registrations, which are registered or filed with the United States Patent and Trademark Office or the United States Copyright Office, as applicable, attached hereto as Exhibits A, B and C hereto, respectively, are complete and accurate as of the date hereof.

2.   Grantor hereby authorizes Administrative Agent to (a) modify this Agreement unilaterally by amending the exhibits to this Agreement solely to include any Intellectual Property registrations or applications for registrations which Grantor obtains subsequent to the date of this Agreement, and (b) file a duplicate of this Agreement containing amended exhibits reflecting such new Intellectual Property with the United States Patent and Trademark Office or the United States Copyright Office, as applicable.

3.   This Agreement is a Loan Document and shall be governed by, and construed in accordance with, the laws of the State of New York without regard to principles of conflicts of law. This Agreement may be executed in any number of counterparts and by different parties on separate counterparts, each of which, when executed and delivered, is an original, and all taken together, constitute one Agreement. Delivery of an executed counterpart of a signature page of this Agreement by electronic means shall be effective as delivery of an original executed counterpart of this Agreement. The words "execution," "signed," "signature" and words of like import in this Agreement shall be deemed to include electronic signatures or the keeping of records in electronic form, each of which shall be of the same legal effect, validity and enforceability as a manually executed signature or the use of a paper-based recordkeeping systems, as the case may be, to the extent and as provided for in any applicable law, including, without limitation, any state law based on the Uniform Electronic Transactions Act.

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IN WITNESS WHEREOF, the undersigned have duly executed this Intellectual Property Security Agreement as of the first date written above.

Address of Grantor:

2440 West El Camino, Suite 100
Mountain View, CA 94040
E-Mail: acyron@aerospike.com

GRANTOR:

AEROSPIKE, INC.

By: _____
Name: Alan J. Cyron
Title: CFO
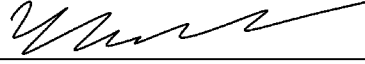
{Signature Page Continues}

[Signature Page to Intellectual Property Security Agreement]

Address of Administrative Agent:

Canadian Imperial Bank of Commerce
81 Bay Street, 10th Floor
Toronto, ON M5J 0E7
Attention: Imran Premji
Email: Imran.Premji@cibc.com

ADMINISTRATIVE AGENT:

CANADIAN IMPERIAL BANK OF COMMERCE

By: _____
Name: Youssef Kabbani
Title: Assistant General Manager

By: _____
Name: Oleg Dudchenko
Title: Authorized Signatory

[Signature Page to Intellectual Property Security Agreement]

EXHIBIT A

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NONE.

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PATENTS

PATENT	SERIAL NO. / PATENT NO.	SERIAL DATE / PATENT DATE
METHODS AND SYSTEMS OF SPLITTING DATABASE INDEXES AND DIGESTS	10599677 20160239529 15000372	3/24/2020 8/18/2016 1/19/2016
METHODS AND SYSTEMS OF DATABASE CLUSTER FORMATION AND MANAGEMENT	10970305 20180276251 15712124	4/6/2021 9/27/2018 9/21/2017
METHODS AND SYSTEMS OF MANAGING DELETES IN A DATABASE NODE OF A NOSQL DATABASE	11615068 20170357687 15618117	3/28/2023 12/14/2017 6/8/2017
METHOD AND SYSTEM OF MAPREDUCE IMPLEMENTATIONS ON INDEXED DATASETS IN A DISTRIBUTED DATABASE ENVIRONMENT	8775464 20140108415 13653411	7/8/2014 4/17/2014 10/17/2012
REAL-TIME TRANSACTION SCHEDULING IN A DISTRIBUTED DATABASE	8799248 2012027829 13451551	8/5/2014 11/1/2012 4/20/2012
METHOD AND SYSTEM OF MAPREDUCE IMPLEMENTATIONS ON INDEXED DATASETS IN A DISTRIBUTED DATABASE ENVIRONMENT	9002871 20150019562 14299566	4/7/2015 1/15/2015 6/9/2014
CLUSTER-NODE LOAD BALANCING IN A DISTRIBUTED DATABASE SYSTEM	9172750 20150127625 14511141	10/27/2015 5/7/2015 10/9/2014
HYBRID DRAM-SSD MEMORY SYSTEM FOR A DISTRIBUTED DATABASE NODE	9176867 20150242311	11/3/2015 8/27/2015

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PATENT	SERIAL NO. / PATENT NO.	SERIAL DATE / PATENT DATE
	14589149	1/5/2015
METHOD AND SYSTEM OF SELF-MANAGING NODES OF A DISTRIBUTED DATABASE CLUSTER WITH A CONSENSUS ALGORITHM	9201742 20150161016 14508785	12/1/2015 6/11/2015 10/7/2014
METHOD AND SYSTEM OF IMPLEMENTING A DATABASE INDEX IN SHARED MEMORY	9514168 20140344530 13897441	12/6/2016 11/20/2014 5/20/2013
METHOD AND SYSTEM OF STATELESS DATA REPLICATION IN A DISTRIBUTED DATABASE SYSTEM	9514208 20150074052 14024181	12/6/2016 3/12/2015 9/11/2013
DATA DISTRIBUTION ACROSS NODES OF A DISTRIBUTED DATABASE BASE SYSTEM	20180004777 15488511	1/4/2018 4/16/2017
METHODS AND SYSTEMS OF OPERATING A DATABASE MANAGEMENT DBMS IN A STRONG CONSISTENCY MODE	11003550 20190196918 16179997	5/11/2021 6/27/2019 11/4/2018
METHODS AND SYSTEMS OF MANAGING CONSISTENCY AND AVAILABILITY TRADEOFFS IN A REAL-TIME OPERATIONAL DBMS	16104939 20190251006 10970177	8/19/2018 8/15/2019 4/6/2021
METHODS AND SYSTEMS OF QUERY ENGINES AND SECONDARY INDEXES IMPLEMENTED IN A DISTRIBUTED DATABASE	10445433 20150331910 14697617	10/15/2019 11/19/2015 4/27/2015
METHOD AND SYSTEM OF IMPLEMENTING A DISTRIBUTED DATABASE WITH PERIPHERAL COMPONENT INTERCONNECT EXPRESS SWITCH	20150113314 14326463	4/23/2015 7/9/2014
METHOD AND SYSTEM OF DATABASE CLUSTER FORMATION AND MANAGEMENT	10970305 20180276251 15712124	4/6/2021 9/27/2018 9/21/2017
METHODS AND SYSTEMS FOR EXPANDING GPU MEMORY FOOTPRINT BASED ON	17898451	8/29/2022

PATENT	SERIAL NO. / PATENT NO.	SERIAL DATE / PATENT DATE
HYBRID-MEMORY	20230113180	4/13/2023
METHODS AND SYSTEMS OF GARBAGE COLLECTION AND DEFRAGMENTATION IN A DISTRIBUTED DATABASE	14925958	10/28/2015
	20170031597	2/2/2017
	10528254	1/07/2020

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EXHIBIT C

TRADEMARKS

TRADEMARKS	SERIAL NO. / REGISTRATION NO.	SERIAL DATE / REGISTRATION DATE
AEROSPIKE	85667803	7/3/2012
	4318960	4/9/2013
AEROSPIKE	97541468	8/9/2022
	7395161	5/28/2024

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