

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM574116

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	INTELLECTUAL PROPERTY SECURITY AGREEMENT		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
MEMSQL, INC.		04/28/2020	Corporation: DELAWARE
RECEIVING PARTY DATA			
Name:	HERCULES CAPITAL, INC., AS COLLATERAL AND ADMINISTRATIVE AGENT		
Street Address:	400 HAMILTON AVENUE, SUITE 310		
City:	PALO ALTO		
State/Country:	CALIFORNIA		
Postal Code:	94301		
Entity Type:	Corporation: MARYLAND		
PROPERTY NUMBERS Total: 3			
Property Type	Number	Word Mark	
Registration Number:	4450597	MEMSQL	
Registration Number:	5818024	THE NO-LIMITS DATABASE	
Serial Number:	88637736	HELIOS	
CORRESPONDENCE DATA			
Fax Number:			
<i>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.</i>			
Phone:	7145401235		
Email:	IPDOCKET@LW.COM, KRISTIN.AZCONA@LW.COM		
Correspondent Name:	LATHAM & WATKINS LLP		
Address Line 1:	650 TOWN CENTER DRIVE, 20TH FLOOR		
Address Line 4:	COSTA MESA, CALIFORNIA 92626		
ATTORNEY DOCKET NUMBER:	054809-0062		
NAME OF SUBMITTER:	KRISTIN J AZCONA		
SIGNATURE:	/KJA/		
DATE SIGNED:	04/29/2020		
Total Attachments: 10			
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INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT (“Agreement”) dated as of April 28, 2020, is made by memsql, Inc., a Delaware corporation, and each Qualified Subsidiary signatory hereto (individually and collectively, the “Grantor”), in favor of Hercules Capital, Inc. in its capacity as administrative agent and collateral agent for itself and the Lenders (as defined below) (together with its successors and assigns, in such capacity, the “Agent”).

RECITALS

A. Grantor has entered into a Loan and Security Agreement with certain financial institutions party thereto (the “Lenders”) and Agent, in its capacity as administrative agent and collateral agent for itself and the Lenders, dated as of the date hereof (as amended, restated, or otherwise modified from time to time, the “Loan Agreement”). All capitalized terms used but not defined herein shall have the respective meanings given to them in the Loan Agreement.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Agent for its benefit and the benefit of the Lenders a security interest in all of Grantor’s right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of the Secured Obligations, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

1. Grant of Security Interest. To secure the Secured Obligations, Grantor grants and pledges to Agent for its benefit and the benefit of the Lenders a security interest in all of Grantor’s right, title and interest in, to and under its intellectual property (all of which shall collectively be called the “Intellectual Property Collateral”), including, without limitation, the following:

(a) Any and all copyright rights, copyright applications, copyright registrations and like protections in each work of 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, including without limitation those set forth on Exhibit A attached hereto (collectively, the “Copyrights”);

(b) Any and all trade secrets, and any and all intellectual property rights in computer software and computer software products now or hereafter existing, created, acquired or held;

(c) Any and all design rights that may be available to Grantor now or hereafter existing, created, acquired or held;

(d) All patents, patent applications and like protections including, without limitation, improvements, divisions, continuations, renewals, reissues, extensions, re-examination certificates, utility models, and continuations-in-part of the same, including without limitation the patents and patent applications set forth on Exhibit B attached hereto (collectively, the “Patents”);

(e) Any 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 Grantor connected with and symbolized by such trademarks, including without limitation those set forth on Exhibit C attached hereto (collectively, the “Trademarks”);

(f) All mask works or similar rights available for the protection of semiconductor chips, now owned or hereafter acquired, including, without limitation those set forth on Exhibit D attached hereto (collectively, the “Mask Works”);

(g) Any and all claims for damages by way of past, present and future infringements 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) All 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) All amendments, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

(j) All 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.

Notwithstanding the foregoing, the Intellectual Property Collateral does not include any "intent to use" trademarks at all times prior to the first use thereof, whether by the actual use thereof in commerce, the recording of a statement of use with the United States Patent and Trademark Office or otherwise, provided, that upon submission and acceptance by the United States Patent and Trademark Office of an amendment to allege use of an intent-to-use trademark application pursuant to 15 U.S.C. Section 1060(a) (or any successor provision) such intent-to-use application shall constitute Intellectual Property Collateral.

2. Recordation. Grantor authorizes the Commissioner for Patents, the Commissioner for Trademarks and the Register of Copyrights and any other government officials to record and register this Agreement upon request by Agent.

Grantor hereby authorizes Agent to (a) modify this Agreement unilaterally by amending the exhibits to this Agreement to include any Intellectual Property Collateral which Grantor obtains subsequent to the date of this Agreement and (b) file a duplicate original of this Agreement containing amended exhibits reflecting such new Intellectual Property Collateral.

3. Loan Documents. This Agreement has been entered into pursuant to and in conjunction with the Loan Agreement, which is hereby incorporated by reference. The provisions of the Loan Agreement shall supersede and control over any conflicting or inconsistent provision herein. The rights and remedies of Agent with respect to the Intellectual Property Collateral are as provided by the Loan Agreement and related documents, and nothing in this Agreement shall be deemed to limit such rights and remedies.

4. Execution in Counterparts. This Agreement and any amendments, waivers, consents or supplements hereto may be executed in any number of counterparts, and by different parties hereto in separate counterparts, each of which when so delivered shall be deemed an original, but all of which counterparts shall constitute but one and the same instrument. Delivery of an executed counterpart of a signature page of this Agreement by facsimile, portable document format (.pdf) or other electronic transmission will be as effective as delivery of a manually executed counterpart hereof.

5. Successors and Assigns. The provisions of this Agreement shall inure to the benefit of the parties hereto and their respective successors and assigns. Grantor shall not assign its obligations under this Agreement without Agent's express prior written consent, and any such attempted assignment shall be void and of no effect. Agent may assign, transfer, or endorse its rights hereunder pursuant to the terms of the Loan Agreement without prior notice to Grantor, and all of such rights shall inure to the benefit of Agent's successors and assigns.

6. Governing Law. This Agreement has been negotiated and delivered to Agent in the State of California, and shall have been accepted by Agent in the State of California. This Agreement shall be governed by, and construed and enforced in accordance with, the laws of the State of California, excluding conflict of laws principles that would cause the application of laws of any other jurisdiction.

7. Electronic Execution of Certain Other Documents. The words "execution," "execute," "signed," "signature," and words of like import in or related to any document to be signed in connection with this Agreement and the transactions contemplated hereby (including without limitation assignments, assumptions, amendments,

waivers and consents) shall be deemed to include electronic signatures, the electronic matching of assignment terms and contract formations on electronic platforms approved by the Agent, or the keeping of records in electronic form, each of which shall be of the same legal effect, validity or enforceability as a manually executed signature or the use of a paper-based recordkeeping system, as the case may be, to the extent and as provided for in any applicable law, including the Federal Electronic Signatures in Global and National Commerce Act, the New York State Electronic Signatures and Records Act, or any other similar state laws based on the Uniform Electronic Transactions Act.

[Signature page follows.]

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereto duly authorized as of the first date written above.

GRANTOR:

MEMSOL INC.

By: 

Name: Raj Verma

Title: Co-Chief Executive Officer

MEMSOL USO INC.

By: 

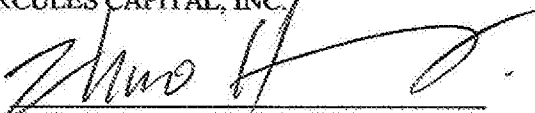
Name: Raj Verma

Title: President

[Signature Page to Intellectual Property Security Agreement (Memsol/usoso)]

AGENT:

HERCULES CAPITAL, INC.

By: 

Name: Zhuo Huang

Title: Associate General Counsel

EXHIBIT A

Copyrights

Claimant	Title	Copyright No.
memsql, inc..	MEMSQL design	VA0001866007

EXHIBIT B

Patents

Title	Country	App. No.	App. Date	Issue No.	Issue Date	Case Status
Query Routing in a Distributed Database System	US	13/754,411	01/30/2013	9,135,310	09/15/2015	Registered
Distributed Query Cache in a Database System	US	13/754,371	01/30/2013	9,141,678	09/22/2015	Registered
Reusing Existing Query Plans in a Database System	US	13/754,333	01/30/2013	9,317,552	04/19/2016	Registered
Durability Implementation Plan in an In-memory Database System	US	13/754,301	01/30/2013	9,223,805	12/29/2015	Registered
Fast Incremental Column Store Data Loading	US	15/149,155	05/08/2016			Examination in Progress
Atomic Clustering Operations for Managing a Partitioned Cluster Online	US	15/224,504	07/29/2016	10,108,691	10/23/2018	Registered
Bushy Joins to Improve Computer Efficiency Executing Queries	US	15/352,131	11/15/2016			Application Allowed
REAL-TIME DATA RETRIEVAL	US	15/714,983	09/25/2017			Examination in Progress
EXTENSIBILITY IN A DATABASE SYSTEM	US	15/457,688	03/13/2017			Application Allowed
CODE GENERATION FOR QUERIES IN A DATABASE SYSTEM	US	15/474,787	03/30/2017			Application Allowed
ACCELERATED FILTERING, GROUPING AND AGGREGATION IN A DATABASE SYSTEM	US	16/206,364	11/30/2018			Application Published
ACCELERATED FILTERING, GROUPING AND AGGREGATION IN A DATABASE SYSTEM	WO	PCT/US2018/063357	11/30/2018			Application Published
BITMAP FILTER, A METHOD OF GENERATING THE SAME, AND A METHOD OF USING	US	15/987,737	05/23/2018			Application Published

A BITMAP FILTER TO PERFORM A JOIN						
Joint Performance Improvement	WO	PCT/2019/02252	05/22/2019			Application Published
BiPic Filters	US	16/366,704	03/27/2019			Application Allowed
SKYNET: log file, replication, BLOB	US	16/382,017	04/11/2019			Application Allowed
Single Store	US	16/579,393	09/23/2019			Application Allowed
Code Generation (III) – Interpret First Improvement	US	16/669,683	10/31/2019			Application Allowed
A BITMAP FILTER, A METHOD OF GENERATING THE SAME, AND A METHOD OF USING A BITMAP FILTER TO PERFORM A JOIN	WO	WO201933523	05/22/2019			

EXHIBIT C

Trademarks

Serial Number	Reg. Number	Word Mark	Live/Dead
88484540		MEMSQL CLOUDDB	Live
85900227	4450597	MEMSQL	Live
88079096	5818024	THE NO-LIMITS DATABASE	Live
88637736		HELIOS	
88599960		SINGLESTORE	

EXHIBIT D

Mask Works

None.