

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: PATI609027

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
Silk Technologies Inc.	11/04/2024
The Silk Technologies ILC LTD	11/04/2024
RECEIVING PARTY DATA	
Company Name:	Trinity Capital Inc., as Collateral Agent
Street Address:	1 N. 1st Street
Internal Address:	Floor 3
City:	Phoenix
State/Country:	ARIZONA
Postal Code:	85004
PROPERTY NUMBERS Total: 23	
Property Type	Number
Patent Number:	8943357
Patent Number:	8806165
Patent Number:	9665442
Patent Number:	8862819
Patent Number:	8886904
Patent Number:	8938563
Patent Number:	8909816
Patent Number:	9495246
Patent Number:	9965217
Patent Number:	9262430
Patent Number:	9223698
Patent Number:	9246705
Patent Number:	9436394
Patent Number:	10599359
Patent Number:	10341095
Patent Number:	10387044
Patent Number:	10678701
Patent Number:	11042314

Property Type	Number
Patent Number:	11036424
Patent Number:	11036652
Patent Number:	10817376
Patent Number:	10735462
Patent Number:	11561708

CORRESPONDENCE DATA

Fax Number: 8586771401

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: (619)864-3377

Email: christian.cruz@us.dlapiper.com

Correspondent Name: DLA Piper LLP (US)

Address Line 1: 4365 Executive Drive

Address Line 2: Suite 1100

Address Line 4: San Diego, CALIFORNIA 92121

NAME OF SUBMITTER:	Christian Cruz
SIGNATURE:	Christian Cruz
DATE SIGNED:	11/04/2024

Total Attachments: 8

source=Trinity_-_Silk_-_Intellectual_Property_Security_Agreement_(Execution_Version).docx#page1.tiff

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT ("Agreement") dated as of November 4, 2024, is made by SILK TECHNOLOGIES INC., a Delaware corporation, and each Subsidiary signatory hereto (individually and collectively, the "Grantor"), in favor of TRINITY CAPITAL INC., a Maryland corporation (in its capacity as administrative agent and collateral agent for the lenders from time to time party to the Loan Agreement (as defined below) ("Administrative Agent").

RECITALS

A. Grantor has entered into a Loan and Security Agreement, dated as of the date hereof, with the lenders from time to time party thereto (each a "Lender" and collectively, the "Lenders") and the Administrative Agent (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 Administrative Agent for the benefit of itself and 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 its obligations under the Loan Agreement, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

1. **Grant of Security Interest.** To secure its obligations under the Loan Agreement, Grantor grants and pledges to Administrative Agent for the benefit of itself and 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, or not expressly prohibited 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.

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 Administrative Agent.

Grantor hereby authorizes Administrative 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. Notwithstanding anything to the contrary, upon Grantor's reasonable request, Administrative Agent will provide Grantor with notice of any such actions taken pursuant to this Section 2.

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 Administrative 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 Administrative Agent's express prior written consent, and any such attempted assignment shall be void and of no effect. Administrative 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 Administrative Agent's successors and assigns.


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

[Signature page follows.]

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

GRANTOR:

SILK TECHNOLOGIES INC.,
a Delaware corporation

Signed by: 
By: _____
Name: Daniel Golan
Title: CEO

THE SILK TECHNOLOGIES ILC LTD,
a company incorporated under the laws of the
State of Israel

Signed by: 
By: _____
Name: Daniel Golan
Title: CEO

ADMINISTRATIVE AGENT:

TRINITY CAPITAL INC.,
a Maryland corporation

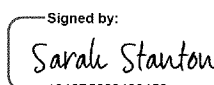
Signed by: 
By: _____
Name: Sarah Stanton
Title: General Counsel and Chief Compliance Officer

EXHIBIT A

COPYRIGHTS

Silk Technologies Inc.:

None

The Silk Technologies ILC Ltd:

None

COPY VIEW

EXHIBIT B**PATENTS****Silk Technologies Inc.:**

None

The Silk Technologies ILC Ltd:

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>
A Mass-Storage System Utilizing Solid-State Storage and Non-Solid-State Storage	8943357	01/27/15
A Mass-Storage System Utilizing Auxiliary Solid-State Storage Subsystem	8806165	08/12/14
Smart Flushing of Data to Backup Storage	9665442	05/30/17
Log Structure Array	8862819	10/14/14
Managing a Solid-State Storage Device	8886904	11/11/14
Modified I/OS Among Storage System Layers	8938563	07/20/15
Implementing A Logical Unit Reset Command In A Distributed Storage System	8909816	12/09/14
Raid Erasure Code Applied To Partitioned Stripe	9495246	11/15/16
MANAGING DATA IN A STORAGE SYSTEM	9965217	05/08/18
Deduplication in a Storage System	9262430	02/16/16
SSD-Block Aligned Writes	9223698	12/29/15
Management Module For Storage Device	9246705	01/26/16
Raid Random Distribution Scheme	9436394	09/06/16
Data Migration System and Method Thereof	10599359	03/24/20
Computerized System And Method Of Secret Key Management	10341095	07/02/19
Deduplication In A Distributed Storage System	10387044	08/20/19
Direct Read Control In A Data Storage System	10678701	06/09/20
Generation, validation and implementation of storage-orchestration strategies using virtual private array (VPA) in a dynamic manner	11042314	06/22/21
Garbage collection in a distributed storage system	11036424	06/15/21
Secured access control in a storage system	11036652	06/15/21

Raid with heterogeneous combinations of segments	10817376	10/27/20
Computer malware detection	10735462	08/04/20
Generation, validation and implementation of storage- orchestration strategies using virtual private array (VPA) in a dynamic manner	11561708	01/24/23

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EXHIBIT C**TRADEMARKS****Silk Technologies Inc.:**

None

The Silk Technologies ILC Ltd:DescriptionRegistration/
Application
NumberRegistration/
Application
Date

SILK DATA PLAN VIRTUALIZATION

88947037

11/08/22

GOT SILK?

88946997

11/08/22

SILK CLOUD DATA PLATFORM

88947025

11/08/22

KAMINARIO

3929859

03/08/11

EXHIBIT D

MASK WORKS

Silk Technologies Inc.:

None

The Silk Technologies ILC Ltd:

None

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