PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7213591

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| BJORN MARKUS JAKOBSSON | 02/24/2022 |

RECEIVING PARTY DATA

| Name: | ARTEMA LABS, INC. | |
|-----------------|-------------------|--|
| Street Address: | 521 VERNON AVENUE | |
| City: | VENICE | |
| State/Country: | UNITED STATES | |
| Postal Code: | 90291 | |

PROPERTY NUMBERS Total: 69

| Property Type | Number |
|---------------------|----------|
| Application Number: | 63300600 |
| Application Number: | 63300202 |
| Application Number: | 63293739 |
| Application Number: | 63291435 |
| Application Number: | 63291411 |
| Application Number: | 63291376 |
| Application Number: | 63289189 |
| Application Number: | 63283512 |
| Application Number: | 63283331 |
| Application Number: | 63283330 |
| Application Number: | 63282923 |
| Application Number: | 63282211 |
| Application Number: | 63282072 |
| Application Number: | 63281721 |
| Application Number: | 63280184 |
| Application Number: | 63279146 |
| Application Number: | 63277718 |
| Application Number: | 63277472 |
| Application Number: | 63275713 |
| Application Number: | 63273921 |
| | |

PATENT REEL: 059710 FRAME: 0489

507166745

| Property Type | Number |
|---------------------|----------|
| Application Number: | 63271727 |
| Application Number: | 63271205 |
| Application Number: | 63270386 |
| Application Number: | 63270092 |
| Application Number: | 63257133 |
| Application Number: | 63256600 |
| Application Number: | 63256597 |
| Application Number: | 63255032 |
| Application Number: | 63254062 |
| Application Number: | 63248570 |
| Application Number: | 63248415 |
| Application Number: | 63247331 |
| Application Number: | 63246620 |
| Application Number: | 63245976 |
| Application Number: | 63244857 |
| Application Number: | 63243270 |
| Application Number: | 63241032 |
| Application Number: | 63240953 |
| Application Number: | 63238890 |
| Application Number: | 63238180 |
| Application Number: | 63235682 |
| Application Number: | 63234105 |
| Application Number: | 63234086 |
| Application Number: | 63233304 |
| Application Number: | 63232728 |
| Application Number: | 63229924 |
| Application Number: | 63228803 |
| Application Number: | 63228065 |
| Application Number: | 63224345 |
| Application Number: | 63223099 |
| Application Number: | 63220641 |
| Application Number: | 63220488 |
| Application Number: | 63219864 |
| Application Number: | 63218342 |
| Application Number: | 63216662 |
| Application Number: | 63213251 |
| Application Number: | 63210042 |
| Application Number: | 63210040 |

| Property Type | Number |
|---------------------|----------|
| Application Number: | 63210037 |
| Application Number: | 62642851 |
| Application Number: | 16353440 |
| Application Number: | 17328344 |
| Application Number: | 63208374 |
| Application Number: | 63208366 |
| Application Number: | 63303569 |
| Application Number: | 63304759 |
| Application Number: | 63305998 |
| Application Number: | 63308892 |
| Application Number: | 63309573 |

CORRESPONDENCE DATA

Fax Number: (949)852-0004

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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Correspondent Name: KPPB LLP

Address Line 1: 2190 S. TOWNE CENTRE PLACE

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| ATTORNEY DOCKET NUMBER: | A80-07445 |
|-------------------------|--------------|
| NAME OF SUBMITTER: | GRACE KANG |
| SIGNATURE: | /Grace Kang/ |
| DATE SIGNED: | 03/08/2022 |

Total Attachments: 8

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ASSIGNMENT AGREEMENT

WHEREAS, I/We, Bjorn Markus Jakobsson, (Assignor(s)) have made certain new and useful inventions, improvement and/or designs set forth in the applications for Letters Patent of the United States listed in Appendix A (Assigned Patent Applications);

WHEREAS, Artema Labs, Inc., a Delaware corporation, having a place of business at 521 Vernon Avenue, Venice, California 90291 (**Assignee**), is desirous of acquiring the entire right, title and interest in and to said inventions, improvement and/or designs and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, **Assignor(s)** and **Assignee** do hereby enter into the following Assignment Agreement.

1. Definitions

The Assignment Agreement means this document.

The Assigned Patent Rights means certain new and useful inventions, improvements, and designs made by the Assignor(s) for which the Assigned Patent Application has been or will be filed.

The Assigned Patent Rights also includes:

- the Assigned Patent Application;
- all Letters Patent granted based upon an application for Letters Patent forming part of the Assigned Patent Rights;
- any inventions, improvements, and designs disclosed by an application for Letters Patent forming part of the **Assigned Patent Rights**;
- any provisional patent application to which priority is claimed under 35 U.S.C. § 119(e) by an application for Letters Patent forming part of the Assigned Patent Rights and any conversion under 37 C.F.R. 1.53(c)(2) or (3) that has not previously been assigned by the Assignor(s);
- all divisionals, continuations, continuations-in-part, and any design patent application claiming priority to an application for Letters Patent forming part of the Assigned Patent Rights;
- any revival, reissue, reexamination, renewal or extension of an application for Letters Patent forming part of the **Assigned Patent Rights**;
- any substitute application filed based upon an application for Letters Patent forming part of the Assigned Patent Rights;
- any priority rights associated with an application for Letters Patent forming part of the

Assigned Patent Rights, including priority under International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms and all applications in which a right of priority is claimed and any Letters Patent, Design Patent, Utility Model, or equivalent granted therefrom;

- any legal equivalents of priority rights associated with an application for Letters Patent
 forming part of the Assigned Patent Rights, including priority under International
 Agreements, Treaties and Conventions for the protection of intellectual property in its
 various forms and all applications in which a right of priority is claimed and any Letters
 Patent, Design Patent, Utility Model, or equivalent granted therefrom; and
- any right to sue for infringement of any right arising from the filing of an application for Letters Patent forming part of the Assigned Patent Rights.

Electronic Signature means any electronic sound, symbol, or process attached to or logically associated with a record and executed and adopted by a party with the intent to sign such record, including facsimile or email electronic signatures, pursuant to the California Uniform Electronic Transactions Act (Cal. Civ. Code §§ 1633.1 to 1633.17) as amended from time to time.

2. Assignment of the Assigned Patent Rights

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **Assignor(s)** confirm that they have and/or otherwise do hereby sell, assign, and transfer to **Assignee**, and the successors, and assigns of the **Assignee** all right, title, and interest in and to the **Assigned Patent Rights** for the United States and its territorial possessions and in all foreign countries.

3. Cooperation Agreement

The **Assignor(s)** further agree without further or additional consideration, but at the expense of **Assignee**, to:

- promptly provide Assignee, upon request, with all pertinent facts and documents relating
 to the Assigned Patent Rights, including, but not limited to, copies of any documents
 evidencing conception and/or reduction to practice within Assignor(s)' possession;
- cooperate with Assignee in the protection and prosecution of the Assigned Patent Rights;
- testify with respect to all pertinent facts and documents relating to the Assigned Patent Rights in any interference, post grant review, inter partes review, litigation, or proceeding relating thereto;
- review, execute, verify, acknowledge and deliver to Assignee or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, or enforce the Assigned Patent Rights; and
- perform such other acts as Assignee lawfully may request to obtain or maintain the Assigned Patent Rights.

4. Assignor(s) Representations

The **Assignor(s)** hereby represent and warrant that they have not entered into any assignment, license agreement, sale agreement, or encumbrance that conflicts with the assignment of the **Assigned Patent Rights**.

5. Authorization to Issue Patents in Name of Assignee

The Assignor(s) and Assignee hereby confirm that the assignment to the Assignee of all rights in the Assigned Patent Rights includes authorization by the Assignor(s) for the United States Commissioner of Patents and Trademarks, and officials of any other country whose duty it is to issue patents on applications, to issue any Letters Patent arising from the Assigned Patent Rights to the Assignee, its successors, or assigns.

Assignor(s) grants the attorney of record the power to insert on this **Assignment** any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This **Assignment Agreement** may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same **Assignment Agreement**.

6. Governing Law

This **Assignment Agreement** and any claim, controversy, dispute, or cause of action (whether in contract, tort, or otherwise) based upon, arising out of, or relating to this **Assignment Agreement** and the transactions contemplated hereby shall be governed by, and construed in accordance with, the laws of the United States and the State of California, without giving effect to any choice or conflict of law provision or rule (whether of any other State or any other national or international jurisdiction).

7. Electronic Signatures

Assignor(s) and Assignee agree that any Electronic Signature, whether digital or encrypted, of the parties included in this Agreement are intended to authenticate this writing and to have the same force and effect as manual signatures.

8. Limited Power of Attorney

Assignee appoints KPPB LLP, 2190 S. Towne Centre PI., Ste. 300, Anaheim, CA 92806, as my agent (attorney-in-fact) to act for me in any lawful way with respect to executing any and all documents pertaining to the **Assigned Patent Rights**, including (but not limited to) assignments of the **Assigned Patent Rights** in international jurisdictions.

IN TESTIMONY WHEREOF, I, Bjorn Markus Jakobsson, hereunto set my hand this day of _______.

Bjorn Markus Jakobsson

Bjorn Markus Jakobsson

118 Ramona Road
Portola Valley, CA 94028

Assignee hereby accepts this Assignment:

Artema Labs, Inc.

/ Docusigned by:
/ MADHU VIUUN
/ CEO February 24, 2022
Name Madhu Vijayan Title Date

EXHIBIT A

| Reference No. | Application No. | Title |
|---------------|-----------------|--|
| A80-07711.PRO | 63/300,600 | Rights Management for Audio-Visual Content on the |
| | | Media Chain |
| A80-07712.PRO | 63/300,202 | Dependent Wallet Technology |
| A80-07714.PRO | 63/293,739 | Graphical User Interface for Complex Token |
| | | Development and Simulation |
| A80-07715.PRO | 63/291,435 | Immersive Personalized NFT Wallet Interactions |
| A80-07716.PRO | 63/291,411 | Robust Personalization with Applications to NFT Evolution |
| A80-07717.PRO | 63/291,376 | Mechanisms for Social Media Integration of Non- Fungible Tokens Content |
| A80-07718.PRO | 63/289,189 | Enhanced Audio-based Reality |
| A80-07719.PRO | 63/283,512 | Anti-Abuse Control of Augmented Reality |
| A80-07720.PRO | 63/283,331 | Augmented Reality Overlay Access Rights Management |
| A80-07721.PRO | 63/283,330 | Ownership-Based Limitations of Content Access |
| A80-07722.PRO | 63/282,923 | Content Co-creation Mechanism and Technology |
| A80-07723.PRO | 63/282,211 | Automated Blockchain Based Recommendation |
| | | Generation, Advertising and Promotion |
| A80-07724.PRO | 63/282,072 | Wallet Spam Detection and Protection Method |
| A80-07725.PRO | 63/281,721 | Royalty Sharing Method |
| A80-07726.PRO | 63/280,184 | Wallet User Interface for Management of Interaction |
| A80-07727.PRO | 63/279,146 | Usage Statistics Tokens and Applications |
| A80-07728.PRO | 63/277,718 | Intelligent Social Media Content Creation with Feedback Loop |
| A80-07729.PRO | 63/277,472 | Green Proof of Stake |
| A80-07730.PRO | 63/275,713 | User-Specific Evolution, Spawning and Peeling |
| A80-07731.PRO | 63/273,921 | Biometric Authentication using Privacy-Protecting Tokens |
| A80-07732.PRO | 63/271,727 | Improvement of Proof of History Based Blockchain Verification |
| A80-07733.PRO | 63/271,205 | Automated Detection of Ponzi Structures |
| A80-07734.PRO | 63/270,386 | Secure Sharing of Token Assets |
| A80-07735.PRO | 63/270,092 | Protection Against Token-Based Malicious Scripts |
| A80-07736.PRO | 63/257,133 | Characteristic Assignment to Identities with Tokens |
| A80-07737.PRO | 63/256,600 | Content similarity detection and prevention mechanism |
| A80-07738.PRO | 63/256,597 | Token Surveys and Privacy Control Techniques |
| A80-07739.PRO | 63/255,032 | Non-Fungible Token Peeling |
| A80-07740.PRO | 63/254,062 | Token Evolution with Physical Embodiment |
| A80-07741.PRO | 63/248,570 | Content Evolution Techniques |
| A80-07742.PRO | 63/248,415 | Control Mechanism to Constrain In-App Transactions |
| A80-07743.PRO | 63/247,331 | Token Validity Assessment Technology |
| A80-07744.PRO | 63/246,620 | State Capture Method |
| A80-07745.PRO | 63/245,976 | Token Content Unlocking Method |

A80-B. Jakobsson

| A80-07746.PRO | 63/244,857 | Robust Enforcement of Software Update Policies in Consensus Networks |
|---------------|------------|---|
| A80-07747.PRO | 63/243,270 | Token Reporting Structure |
| A80-07748.PRO | 63/241,032 | Token Interaction using Social Network Communication |
| A80-07749.PRO | 63/240,953 | Evolution of Tokenized Artwork |
| A80-07750.PRO | 63/238,890 | Methods for Ensuring Blockchain Integrity and Stability |
| A80-07751.PRO | 63/238,180 | Conditional Transaction Tokens |
| A80-07752.PRO | 63/235,682 | Transaction Reporting Infrastructure |
| A80-07753.PRO | 63/234,105 | Collaborative Computing Infrastructure with Applications to Gaming |
| A80-07754.PRO | 63/234,086 | Tokenization and Promotion of Authored Content |
| A80-07755.PRO | 63/233,304 | Targeted Execution Environment |
| A80-07756.PRO | 63/232,728 | Secure and Intelligent Decentralized Technology |
| A80-07757.PRO | 63/229,924 | Integration of Real-World Data and Measurements into Distributed and Consensus-Based Environments |
| A80-07758.PRO | 63/228,803 | Practical Memory-Bound Delay Functions |
| A80-07759.PRO | 63/228,065 | Secure Delay Function Method and Apparatus |
| A80-07760.PRO | 63/224,345 | Cost Reduction for Crypto Mining |
| A80-07761.PRO | 63/223,099 | Advertisement Portability Methods |
| A80-07762.PRO | 63/220,641 | Tokenization and Quantification of Creative Content Elements |
| A80-07763.PRO | 63/220,488 | Content Origin Determination and Tokenization |
| A80-07764.PRO | 63/219,864 | Using Tokens in Augmented and Virtual Environments |
| A80-07765.PRO | 63/218,342 | Security Against Deception and Abuse in Distributed and Tokenized Environments |
| A80-07766.PRO | 63/216,662 | Pseudo-Immutable Blockchain Method |
| A80-07767.PRO | 63/213,251 | Token creation and management structure |
| A80-07768.PRO | 63/210,042 | Dynamic Digital Rights Management Enabling Composite Content |
| A80-07769.PRO | 63/210,040 | Content recommendation method |
| A80-07770.PRO | 63/210,037 | Coin Technology |
| A80-07772.PRO | 62/642,851 | Publicly Verifiable Proofs of Space |
| A80-07772 | 16/353,440 | Publicly Verifiable Proofs of Space |
| A80-07772.CON | 17/328,344 | Publicly Verifiable Proofs of Space |
| A80-07773.PRO | 63/208,374 | Composite Cryptosystems with Automated Reparametrization |
| A80-07774.PRO | 63/208,366 | Perpetual NFT Assets |
| A80-07790.PRO | 63/303,569 | Chameleon User Interface Method |
| A80-07791.PRO | 63/304,759 | Al-Guided Content Style Feedback |
| A80-07792.PRO | 63/305,998 | Policy-Based Time Capsule Technology |
| A80-07793.PRO | 63/308,892 | Collaborative Generation of Non-Fungible Token and Associated Content |
| A80-07794.PRO | 63/309,573 | Content Origination Control |

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