

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: PAT1757892

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
Channel One Holdings Inc.	01/15/2025
RECEIVING PARTY DATA	
Company Name:	PENNANTPARK LOAN AGENCY SERVICING, LLC, as Administrative Agent
Street Address:	1691 Michigan Ave., Suite 500
City:	Miami Beach
State/Country:	FLORIDA
Postal Code:	33139
PROPERTY NUMBERS Total: 16	
Property Type	Number
Patent Number:	10169179
Patent Number:	10776235
Patent Number:	11221932
Patent Number:	10789669
Patent Number:	10169840
Patent Number:	10354357
Patent Number:	10540738
Patent Number:	10929946
Patent Number:	11164496
Patent Number:	11049211
Patent Number:	10497083
Patent Number:	10755376
Patent Number:	10255651
Patent Number:	10861124
Patent Number:	11232535
Application Number:	17067283
CORRESPONDENCE DATA	
Fax Number:	6173417701
<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>	

PATENT

Phone: 6173417721
Email: michelle.bramwell@morganlewis.com
Correspondent Name: Michelle Bramwell
Address Line 1: One Federal Street
Address Line 2: c/o Morgan, Lewis & Bockius LLP
Address Line 4: Boston, MASSACHUSETTS 02110

NAME OF SUBMITTER: Michelle Bramwell

SIGNATURE: Michelle Bramwell

DATE SIGNED: 01/16/2025

Total Attachments: 6

source=137410_#154400694v1_05. PennantPark_Lynx - Joinder - Patent Security Agreement (Executed)#page1.tiff

source=137410_#154400694v1_05. PennantPark_Lynx - Joinder - Patent Security Agreement (Executed)#page2.tiff

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PATENT SECURITY AGREEMENT

This **PATENT SECURITY AGREEMENT** (this “**Agreement**”), dated as of January 15, 2025, is made by Channel One Holdings Inc., a Delaware corporation, with a principal place of business at 855 Embedded Way, San Jose, CA 95138 (the “**Grantor**”), in favor of PENNANTPARK LOAN AGENCY SERVICING, LLC, as the administrative agent (in such capacity, together with its successors and permitted assigns, the “**Administrative Agent**”) for the Secured Parties. Capitalized terms used but not otherwise defined herein shall have the meaning given to them in the Security Agreement (as defined below).

WHEREAS, the Grantor is party to that certain Security Agreement dated as of December 15, 2023, by and among the Grantor, the other grantors party thereto and the Administrative Agent (the “**Security Agreement**”), pursuant to which the Grantor granted a security interest to the Administrative Agent in all of Grantor’s right, title and interest in and to the Collateral, including the Patent Collateral (as defined below), and is required to execute and deliver this Agreement.

NOW, THEREFORE, in consideration of the foregoing and for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, subject to the terms and conditions of the Security Agreement, to evidence further the security interest granted by Grantor to the Administrative Agent pursuant to the Security Agreement, Grantor hereby grants to the Administrative Agent, for the benefit of the Secured Parties, a security interest in all of Grantor’s right, title and interest in and to the following, in each case whether now owned or existing or hereafter acquired or arising and wherever located (collectively, the “**Patent Collateral**”):

1. all patents and patent applications (including provisional patent applications) and industrial designs under any domestic or foreign law, and all reissues, continuations, continuations-in-part, divisionals, extensions, renewals, revisions and reexamination thereof, and all inventions and improvements described and claimed therein (including the issued patents and patent applications set forth on Schedule A annexed hereto);
2. all rights to sue or otherwise recover for any past, present and future infringement, dilution, misappropriation, or other violation or impairment of any of the foregoing; and
3. all license fees, royalties, income, payments, claims, damages and proceeds of suit, now or hereafter due and/or payable with respect thereto.

Notwithstanding anything herein to the contrary, in no event shall the Patent Collateral include, and the Grantor shall not be deemed to have granted a security interest in, any of the Grantor’s rights or interests in any Excluded Property (but shall include all products, substitutions, replacements and Proceeds thereof to the extent not otherwise constituting Excluded Property).

Grantor does hereby further acknowledge and affirm that the rights and remedies of the Administrative Agent with respect to the security interest in the Patent Collateral granted hereby are more fully set forth in the Security Agreement. All the terms of the Security Agreement are hereby incorporated by reference. In the event that any provision of this Agreement is deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall control.

THIS AGREEMENT AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES HEREUNDER AND ALL CLAIMS AND CONTROVERSIES ARISING OUT OF THE SUBJECT MATTER HEREOF WHETHER SOUNDING IN CONTRACT LAW, TORT LAW OR OTHERWISE, SHALL BE GOVERNED BY, AND SHALL BE CONSTRUED AND ENFORCED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK, WITHOUT REGARD TO CONFLICTS OF LAW

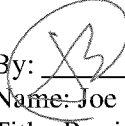
PROVISIONS THAT WOULD RESULT IN THE APPLICATION OF ANY OTHER LAW (OTHER THAN ANY MANDATORY PROVISIONS OF LAW RELATING TO THE LAW GOVERNING PERFECTION AND THE EFFECT OF PERFECTION OF THE SECURITY INTEREST).

This Agreement may be executed in counterparts (and by different parties hereto on different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page of this Agreement by facsimile transmission or other electronic transmission (e.g., a “.pdf” or “.tif” file) shall be effective as delivery of a manually executed counterpart hereof. The words “execute”, “execution”, “signed”, “signature” and words of like import in or related to this Agreement shall be deemed to include electronic signatures, the electronic matching of assignment terms and contract formations on electronic platforms approved by the Administrative 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.

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IN WITNESS WHEREOF, Grantor has caused this Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

CHANNEL ONE HOLDINGS INC.

By: 

Name: Joe Benavides

Title: President

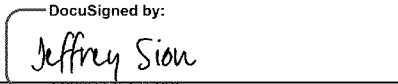
[Signature Page to Patent Security Agreement]

PATENT
REEL: 069890 FRAME: 0485

Accepted and Agreed:

PENNANTPARK LOAN AGENCY SERVICING, LLC,

as the Administrative Agent

By:  _____
Name: Jeffrey S. Sion
Title: Authorized Signatory

[Signature Page to Patent Security Agreement]

PATENT
REEL: 069890 FRAME: 0486

SCHEDULE A

to

PATENT SECURITY AGREEMENT

US Issued Patents:

<u>TITLE</u>	<u>REG. NO.</u>	<u>REG. DATE</u>	<u>OWNER</u>
Methods and systems for monitoring the integrity of a GPU	<u>10169179</u>	1/1/2019	Channel One Holdings Inc.
Methods and systems for monitoring the integrity of a GPU	<u>10776235</u>	9/15/2020	Channel One Holdings Inc.
Methods and systems for monitoring the integrity of a GPU	<u>11221932</u>	1/11/2022	Channel One Holdings Inc.
Systems and methods for using EGL with an OpenGL API and a Vulkan graphics driver	<u>10789669</u>	9/29/2020	Channel One Holdings Inc.
Methods and systems for monitoring the subset of GPU components used by an application in safety critical environments	<u>10169840</u>	1/1/2019	Channel One Holdings Inc.
Methods and systems for monitoring the subset of GPU components used by an application in safety critical environments	<u>10354357</u>	7/16/2019	Channel One Holdings Inc.
Methods and systems for monitoring the subset of GPU components used by an application in safety critical environments	<u>10540738</u>	1/21/2020	Channel One Holdings Inc.
Display buffering methods and systems	<u>10929946</u>	2/23/2021	Channel One Holdings Inc.
Interrupt-free multiple buffering methods and systems	<u>11164496</u>	11/2/2021	Channel One Holdings Inc.
Methods and system for asynchronously buffering rendering by a graphics processing unit	<u>11049211</u>	6/29/2021	Channel One Holdings Inc.
Systems and methods for using an OpenGL API with a Vulkan graphics driver	<u>10497083</u>	12/3/2019	Channel One Holdings Inc.
Systems and methods for using an OpenGL API with a Vulkan graphics driver	<u>10755376</u>	8/25/2020	Channel One Holdings Inc.
Methods and systems for generating shaders to emulate a fixed-function graphics pipeline	<u>10255651</u>	4/9/2019	Channel One Holdings Inc.
Methods and systems for generating shaders to emulate a fixed-function graphics pipeline	<u>10861124</u>	12/8/2020	Channel One Holdings Inc.
Systems and methods for using EGL with an OpenGL API and a Vulkan graphics driver	<u>11232535</u>	1/25/2022	Channel One Holdings Inc.

US Patent Applications:

<u>TITLE</u>	<u>APP. NO.</u>	<u>APP. DATE</u>	<u>OWNER</u>
Methods and systems for time-bounding execution of computing workflows	17/067283	2020-10-09	Channel One Holdings Inc.