

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM799413

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Eastward Fund Management, LLC		03/30/2023	Limited Liability Company: DELAWARE
RECEIVING PARTY DATA			
Name:	Lightmatter, Inc.		
Street Address:	100 Summer St., Suite 1850		
City:	Boston		
State/Country:	MASSACHUSETTS		
Postal Code:	02110		
Entity Type:	Corporation: DELAWARE		
PROPERTY NUMBERS Total: 7			
Property Type	Number	Word Mark	
Registration Number:	6295611	LIGHTMATTER	
Serial Number:	97215480	LM	
Serial Number:	97215580	ENVISE	
Serial Number:	97215763	PASSAGE	
Serial Number:	97215801	IDIOM	
Serial Number:	97215846	A GIANT LEAP	
Serial Number:	97259203	PASSAGELINK	
CORRESPONDENCE DATA			
Fax Number:	2028427899		
<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:	12027762046		
Email:	jmfitzpatrick@cooley.com		
Correspondent Name:	JENNIFER FITZPATRICK		
Address Line 1:	C/O COOLEY LLP		
Address Line 2:	1299 Pennsylvania Avenue, NW, Suite 700		
Address Line 4:	WASHINGTON, D.C. 20004		
ATTORNEY DOCKET NUMBER:	318251-102		
NAME OF SUBMITTER:	JENNIFER FITZPATRICK		

CH \$190.00 6295611

SIGNATURE:	/JENNIFER FITZPATRICK/
DATE SIGNED:	03/31/2023
Total Attachments: 17 source=Lightmatter - IP Release - exec.docx#page1.tif source=Lightmatter - IP Release - exec.docx#page2.tif source=Lightmatter - IP Release - exec.docx#page3.tif source=Lightmatter - IP Release - exec.docx#page4.tif source=Lightmatter - IP Release - exec.docx#page5.tif source=Lightmatter - IP Release - exec.docx#page6.tif source=Lightmatter - IP Release - exec.docx#page7.tif source=Lightmatter - IP Release - exec.docx#page8.tif source=Lightmatter - IP Release - exec.docx#page9.tif source=Lightmatter - IP Release - exec.docx#page10.tif source=Lightmatter - IP Release - exec.docx#page11.tif source=Lightmatter - IP Release - exec.docx#page12.tif source=Lightmatter - IP Release - exec.docx#page13.tif source=Lightmatter - IP Release - exec.docx#page14.tif source=Lightmatter - IP Release - exec.docx#page15.tif source=Lightmatter - IP Release - exec.docx#page16.tif source=Lightmatter - IP Release - exec.docx#page17.tif	

RELEASE OF SECURITY INTEREST

This Release of Security Interest is made as of March 30, 2023, by Eastward Fund Management, LLC, a Delaware limited liability company (“Lender”), in favor of Lightmatter, Inc., a Delaware corporation with its principal place of business located at 100 Summer St., Suite 1850, Boston, MA 02110.

Recitals

WHEREAS under that certain Intellectual Property Security Agreement dated as of December 22, 2022 (the “Security Agreement”), Company granted to Lender a security interest in all of the Company’s right, title and interest in and to the intellectual property of Company, including without limitation, the Intellectual Property Collateral (as that term is defined in the Security Agreement, including all items of intellectual property and related rights listed in the Security Agreement), and specifically the patent and trademark items listed on Exhibits B and C attached hereto, which was recorded with the US Patent and Trademark Office on December 27, 2022 at Reel Number 062230, Frame Number 0361 and on December 27, 2022 at Reel Number 7930, Frame Number 0870, respectively (all such intellectual property collectively, the “Intellectual Property”).

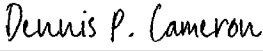
WHEREAS Lender agrees to release and relinquish and does hereby release and relinquish its security interest in the Intellectual Property.

Agreement

NOW THEREFORE, Lender hereby terminates and agrees that the Security Agreement is terminated and Lender terminates, relinquishes and releases its security interest in the Intellectual Property and reassigns to Company, without warranty or recourse, all interest of Lender in the Intellectual Property. Lender further agrees to execute and deliver to Company any and all further documents or instruments and do any and all further acts which Company reasonably requests in order to confirm this release and Company's right, title and interest in and to the Intellectual Property.

LENDER:

Eastward Fund Management, LLC

By: 
D6CA308B965D4A9...

Name: Dennis Cameron

Title: Chief Executive Officer

EXHIBIT B

Patents

<u>Description</u>	<u>Application Number</u>	<u>Application Date</u>	<u>Status</u>	<u>Jurisdiction</u>
PHOTONIC PROCESSING SYSTEMS AND METHODS	3100326	5/14/19	Pending	Canada
PHOTONIC PROCESSING SYSTEMS AND METHODS	2019800467448	5/14/19	Granted	China
PHOTONIC PROCESSING SYSTEMS AND METHODS	2022106047237	5/14/19	Published	China
PHOTONIC PROCESSING SYSTEMS AND METHODS	19803490.2	5/14/19	Published	European Patent Office
PHOTONIC PROCESSING SYSTEMS AND METHODS	2021-514294	5/14/19	Pending	Japan
PHOTONIC PROCESSING SYSTEMS AND METHODS	10-2020-7036125	5/14/19	Pending	Republic of Korea
PHOTONIC PROCESSING SYSTEMS AND METHODS	11202011352S	5/14/19	Pending	Singapore
PHOTONIC PROCESSING SYSTEMS AND METHODS	108116591	5/14/19	Published	Taiwan
PHOTONIC PROCESSING SYSTEMS AND METHODS	16/412098	5/14/19	Granted	United States of America
PHOTONIC PROCESSING SYSTEMS AND METHODS	16/986655	8/6/20	Granted	United States of America
PHOTONIC PROCESSING SYSTEMS AND METHODS	17/539377	12/1/21	Allowed	United States of America
PHOTONIC PROCESSING SYSTEMS AND METHODS	PCT/US2019/032181	5/14/19	National Phase	Patent Cooperation Treaty
SYSTEMS AND METHODS FOR TRAINING MATRIX-BASED DIFFERENTIABLE PROGRAMS	16/412159	5/14/19	Granted	United States of America
SYSTEMS AND METHODS FOR TRAINING MATRIX-BASED DIFFERENTIABLE PROGRAMS	16/915023	6/29/20	Granted	United States of America

SYSTEMS AND METHODS FOR TRAINING MATRIX-BASED DIFFERENTIABLE PROGRAMS	17/864172	7/13/22	Published	United States of America
OPTICALLY INTERFACED STACKED MEMORIES AND RELATED METHODS AND SYSTEMS	19803311.0	4/30/19	Published	European Patent Office
OPTICALLY INTERFACED STACKED MEMORIES AND RELATED METHODS AND SYSTEMS	2021-514285	4/30/19	Pending	Japan
OPTICALLY INTERFACED STACKED MEMORIES AND RELATED METHODS AND SYSTEMS	10-2020-7036475	4/30/19	Pending	Republic of Korea
OPTICALLY INTERFACED STACKED MEMORIES AND RELATED METHODS AND SYSTEMS	108115495	5/6/19	Pending	Taiwan
OPTICALLY INTERFACED STACKED MEMORIES AND RELATED METHODS AND SYSTEMS	17/055549	11/13/20	Granted	United States of America
OPTICALLY INTERFACED STACKED MEMORIES AND RELATED METHODS AND SYSTEMS	PCT/US2019/029803	4/30/19	National Phase	Patent Cooperation Treaty
CONVOLUTIONAL LAYERS FOR NEURAL NETWORKS USING PROGRAMMABLE NANOPHOTONICS	16/412261	5/14/19	Published	United States of America
OPTICAL DIFFERENTIAL LOW-NOISE RECEIVERS AND RELATED METHODS	16/411391	5/14/19	Granted	United States of America
OPTICAL DIFFERENTIAL LOW-NOISE RECEIVERS AND RELATED METHODS	17/511040	10/26/21	Published	United States of America
PHOTONICS PACKAGING METHOD AND DEVICE	16/653159	10/15/19	Granted	United States of America

HIGH-EFFICIENCY MULTI-SLOT WAVEGUIDE NANO-OPTO-ELECTROMECHANICAL PHASE MODULATOR	16/411476	5/14/19	Granted	United States of America
HIGH-EFFICIENCY MULTI-SLOT WAVEGUIDE NANO-OPTO-ELECTROMECHANICAL PHASE MODULATOR	17/103694	11/24/20	Granted	United States of America
MATRIX MULTIPLICATION USING OPTICAL PROCESSING	16/671726	11/1/19	Published	United States of America
REAL-NUMBER PHOTONIC ENCODING	16/412242	5/14/19	Granted	United States of America
METHODS, SYSTEMS, AND APPARATUS FOR PROGRAMMABLE QUANTUM PHOTONIC PROCESSING	15/716196	9/26/17	Granted	United States of America
UNIVERSAL LINEAR COMPONENTS	14/092565	11/27/13	Granted	United States of America
HYBRID ANALOG-DIGITAL MATRIX PROCESSORS	3130114	2/25/20	Pending	Canada
HYBRID ANALOG-DIGITAL MATRIX PROCESSORS	202080029762.8	2/25/20	Published	China
HYBRID ANALOG-DIGITAL MATRIX PROCESSORS	20763126.8	2/25/20	Published	European Patent Office
HYBRID ANALOG-DIGITAL MATRIX PROCESSORS	62022055816.2	2/25/20	Published	Hong Kong
HYBRID ANALOG-DIGITAL MATRIX PROCESSORS	2021-549796	2/25/20	Pending	Japan
HYBRID ANALOG-DIGITAL MATRIX PROCESSORS	10-2021-7030751	2/25/20	Pending	Republic of Korea
HYBRID ANALOG-DIGITAL MATRIX PROCESSORS	11202108799Q	2/25/20	Pending	Singapore

HYBRID ANALOG-DIGITAL MATRIX PROCESSORS	109106267	2/26/20	Published	Taiwain
HYBRID ANALOG-DIGITAL MATRIX PROCESSORS	16/800998	2/25/20	Granted	United States of America
HYBRID ANALOG-DIGITAL MATRIX PROCESSORS	16/801015	2/25/20	Granted	United States of America
HYBRID ANALOG-DIGITAL MATRIX PROCESSORS	16/995674	8/17/20	Granted	United States of America
HYBRID ANALOG-DIGITAL MATRIX PROCESSORS	17/246892	5/3/21	Published	United States of America
HYBRID ANALOG-DIGITAL MATRIX PROCESSORS	17/545137	12/8/21	Published	United States of America
HYBRID ANALOG-DIGITAL MATRIX PROCESSORS	PCT/US2020/019747	2/25/20	National Phase	Patent Cooperation Treaty
PATH-NUMBER-BALANCED UNIVERSAL PHOTONIC NETWORK	109105832	2/24/20	Published	Taiwain
PATH-NUMBER-BALANCED UNIVERSAL PHOTONIC NETWORK	16/799153	2/24/20	Granted	United States of America
PATH-NUMBER-BALANCED UNIVERSAL PHOTONIC NETWORK	17/507325	10/21/21	Published	United States of America
PHOTONIC COMMUNICATION PLATFORM	3131615	3/5/20	Pending	Canada
PHOTONIC COMMUNICATION PLATFORM	202080019018.X	3/5/20	Published	China
PHOTONIC COMMUNICATION PLATFORM	20766814.6	3/5/20	Published	European Patent Office
PHOTONIC COMMUNICATION PLATFORM	62022055815.4	3/5/20	Published	Hong Kong

PHOTONIC COMMUNICATION PLATFORM	2021-552698	3/5/20	Pending	Japan
PHOTONIC COMMUNICATION PLATFORM	10-2021-7032104	3/5/20	Pending	Republic of Korea
PHOTONIC COMMUNICATION PLATFORM	11202108868T	3/5/20	Pending	Singapore
PHOTONIC COMMUNICATION PLATFORM	109107465	3/6/20	Published	Taiwain
PHOTONIC COMMUNICATION PLATFORM	16/810573	3/5/20	Granted	United States of America
PHOTONIC COMMUNICATION PLATFORM	17/313415	5/6/21	Published	United States of America
PHOTONIC COMMUNICATION PLATFORM	18/070889	11/29/22	Pending	United States of America
PHOTONIC COMMUNICATION PLATFORM	PCT/US2020/021209	3/5/20	National Phase	Patent Cooperation Treaty
PHOTONICS STABILIZATION CIRCUITRY	202080061638.X	7/1/20	Published	China
PHOTONICS STABILIZATION CIRCUITRY	20834346.7	7/1/20	Published	European Patent Office
PHOTONICS STABILIZATION CIRCUITRY	2021-577094	7/1/20	Pending	Japan
PHOTONICS STABILIZATION CIRCUITRY	10-2022-7003471	7/1/20	Pending	Republic of Korea
PHOTONICS STABILIZATION CIRCUITRY	109122242	7/1/20	Published	Taiwain
PHOTONICS STABILIZATION CIRCUITRY	16/918196	7/1/20	Granted	United States of America

PHOTONICS STABILIZATION CIRCUITRY	17/843939	6/17/22	Published	United States of America
PHOTONICS STABILIZATION CIRCUITRY	PCT/US2020/040428	7/1/20	National Phase	Patent Cooperation Treaty
SYSTEMS AND METHODS FOR ANALOG COMPUTING USING A LINEAR PHOTONIC PROCESSOR	3148118	7/28/20	Pending	Canada
SYSTEMS AND METHODS FOR ANALOG COMPUTING USING A LINEAR PHOTONIC PROCESSOR	2020800686429	7/28/20	Published	China
SYSTEMS AND METHODS FOR ANALOG COMPUTING USING A LINEAR PHOTONIC PROCESSOR	20847145.8	7/28/20	Published	European Patent Office
SYSTEMS AND METHODS FOR ANALOG COMPUTING USING A LINEAR PHOTONIC PROCESSOR	2022-506291	7/28/20	Pending	Japan
SYSTEMS AND METHODS FOR ANALOG COMPUTING USING A LINEAR PHOTONIC PROCESSOR	10-2022-7006299	7/28/20	Pending	Republic of Korea
SYSTEMS AND METHODS FOR ANALOG COMPUTING USING A LINEAR PHOTONIC PROCESSOR	11202200520P	7/28/20	Pending	Singapore
SYSTEMS AND METHODS FOR ANALOG COMPUTING USING A LINEAR PHOTONIC PROCESSOR	109125536	7/29/20	Published	Taiwain
SYSTEMS AND METHODS FOR ANALOG COMPUTING USING A LINEAR PHOTONIC PROCESSOR	16/940900	7/28/20	Granted	United States of America

SYSTEMS AND METHODS FOR ANALOG COMPUTING USING A LINEAR PHOTONIC PROCESSOR	17/840515	6/14/22	Pending	United States of America
SYSTEMS AND METHODS FOR ANALOG COMPUTING USING A LINEAR PHOTONIC PROCESSOR	PCT/US2020/043841	7/28/20	National Phase	Patent Cooperation Treaty
QUANTIZED INPUTS FOR MACHINE LEARNING MODELS	17/028175	9/22/20	Published	United States of America
QUANTIZED ARCHITECTURE SEARCH FOR MACHINE LEARNING MODELS	17/081841	10/27/20	Published	United States of America
PIN SHARING FOR PHOTONIC PROCESSORS	110101633	1/15/21	Published	Taiwain
PIN SHARING FOR PHOTONIC PROCESSORS	17/149110	1/14/21	Granted	United States of America
PIN SHARING FOR PHOTONIC PROCESSORS	17/967314	10/17/22	Pending	United States of America
LINEAR PHOTONIC PROCESSORS AND RELATED METHODS	202080089333.X	11/20/20	Published	China
LINEAR PHOTONIC PROCESSORS AND RELATED METHODS	20891195.8	11/20/20	Published	European Patent Office
LINEAR PHOTONIC PROCESSORS AND RELATED METHODS	2022-529630	11/20/20	Pending	Japan
LINEAR PHOTONIC PROCESSORS AND RELATED METHODS	10-2022-7021075	11/20/20	Pending	Republic of Korea
LINEAR PHOTONIC PROCESSORS AND RELATED METHODS	109140823	11/20/20	Published	Taiwain
LINEAR PHOTONIC PROCESSORS AND RELATED METHODS	17/100158	11/20/20	Granted	United States of America

LINEAR PHOTONIC PROCESSORS AND RELATED METHODS	PCT/US2020/061642	11/20/20	National Phase	Patent Cooperation Treaty
LINEAR PHOTONIC PROCESSORS AND RELATED METHODS	17/101415	11/23/20	Granted	United States of America
LINEAR PHOTONIC PROCESSORS AND RELATED METHODS	17/398384	8/10/21	Allowed	United States of America
PHOTONIC WAFER COMMUNICATION SYSTEMS AND RELATED PACKAGES	21750009.9	2/2/21	Published	European Patent Office
PHOTONIC WAFER COMMUNICATION SYSTEMS AND RELATED PACKAGES	2022-547075	2/2/21	Pending	Japan
PHOTONIC WAFER COMMUNICATION SYSTEMS AND RELATED PACKAGES	10-2022-7030294	2/2/21	Pending	Republic of Korea
PHOTONIC WAFER COMMUNICATION SYSTEMS AND RELATED PACKAGES	110103972	2/3/21	Published	Taiwan
PHOTONIC WAFER COMMUNICATION SYSTEMS AND RELATED PACKAGES	17/165157	2/2/21	Published	United States of America
PHOTONIC WAFER COMMUNICATION SYSTEMS AND RELATED PACKAGES	PCT/US2021/016129	2/2/21	National Phase	Patent Cooperation Treaty
REALIZING HIGH PER-MODE OPTICAL POWER WITH INTEGRATED LIGHT SOURCES AND OPTICAL COMBINERS	21772645.4	3/15/21	Pending	European Patent Office

REALIZING HIGH PER-MODE OPTICAL POWER WITH INTEGRATED LIGHT SOURCES AND OPTICAL COMBINERS	2022-553678	3/15/21	Pending	Japan
REALIZING HIGH PER-MODE OPTICAL POWER WITH INTEGRATED LIGHT SOURCES AND OPTICAL COMBINERS	11202252585R	3/15/21	Pending	Singapore
REALIZING HIGH PER-MODE OPTICAL POWER WITH INTEGRATED LIGHT SOURCES AND OPTICAL COMBINERS	17/202300	3/15/21	Published	United States of America
REALIZING HIGH PER-MODE OPTICAL POWER WITH INTEGRATED LIGHT SOURCES AND OPTICAL COMBINERS	PCT/US2021/022434	3/15/21	National Phase	Patent Cooperation Treaty
PHOTONICS PROCESSOR ARCHITECTURE		4/26/21	Pending	Canada
PHOTONICS PROCESSOR ARCHITECTURE		4/26/21	Pending	China
PHOTONICS PROCESSOR ARCHITECTURE	21796097.0	4/26/21	Pending	European Patent Office
PHOTONICS PROCESSOR ARCHITECTURE	2022-565690	4/26/21	Pending	Japan
PHOTONICS PROCESSOR ARCHITECTURE	10-2022-7041063	4/26/21	Pending	Republic of Korea
PHOTONICS PROCESSOR ARCHITECTURE	110115070	4/27/21	Published	Taiwan
PHOTONICS PROCESSOR ARCHITECTURE	17/240506	4/26/21	Published	United States of America
PHOTONICS PROCESSOR ARCHITECTURE	PCT/US2021/029150	4/26/21	National Phase	Patent Cooperation Treaty
FAST PREDICTION PROCESSOR	110123779	6/29/21	Published	Taiwan
FAST PREDICTION PROCESSOR	17/359025	6/25/21	Published	United States of America

FAST PREDICTION PROCESSOR	PCT/US2021/039227	6/25/21	Published	Patent Cooperation Treaty
SYSTEMS AND METHODS FOR UTILIZING PHOTONIC DEGREES OF FREEDOM IN A PHOTONIC PROCESSOR	110127129	7/23/21	Pending	Taiwain
SYSTEMS AND METHODS FOR UTILIZING PHOTONIC DEGREES OF FREEDOM IN A PHOTONIC PROCESSOR	17/383509	7/23/21	Published	United States of America
SYSTEMS AND METHODS FOR UTILIZING PHOTONIC DEGREES OF FREEDOM IN A PHOTONIC PROCESSOR	PCT/US2021/042882	7/23/21	Published	Patent Cooperation Treaty
TECHNIQUES FOR ADAPTING NEURAL NETWORKS TO DEVICES	17/390764	7/30/21	Published	United States of America
PHOTONICS PROCESSOR ARCHITECTURE	17/240573	4/26/21	Published	United States of America
AN EFFICIENT BUFFERING TECHNIQUE FOR TRANSFERRING DATA	110141646	11/9/21	Published	Taiwain
AN EFFICIENT BUFFERING TECHNIQUE FOR TRANSFERRING DATA	17/522831	11/9/21	Published	United States of America
AN EFFICIENT BUFFERING TECHNIQUE FOR TRANSFERRING DATA	PCT/US2021/058658	11/9/21	Published	Patent Cooperation Treaty
VECTOR PROCESSOR DATA STORAGE	110142559	11/16/21	Pending	Taiwain
VECTOR PROCESSOR DATA STORAGE	17/527107	11/15/21	Published	United States of America
VECTOR PROCESSOR DATA STORAGE	PCT/US2021/059425	11/15/21	Published	Patent Cooperation Treaty

PARALLELIZATION AND PIPELINING STRATEGIES FOR AN EFFICIENT ANALOG NEURAL NETWORK ACCELERATOR	110142564	11/16/21	Published	Taiwan
PARALLELIZATION AND PIPELINING STRATEGIES FOR AN EFFICIENT ANALOG NEURAL NETWORK ACCELERATOR	17/526960	11/15/21	Published	United States of America
PARALLELIZATION AND PIPELINING STRATEGIES FOR AN EFFICIENT ANALOG NEURAL NETWORK ACCELERATOR	PCT/US2021/059408	11/15/21	Published	Patent Cooperation Treaty
MACHINE LEARNING MODEL TRAINING USING AN ANALOG PROCESSOR	17/537156	11/29/21	Published	United States of America
MACHINE LEARNING MODEL TRAINING USING AN ANALOG PROCESSOR	PCT/US2021/061013	11/29/21	Published	Patent Cooperation Treaty
RESIDUE NUMBER SYSTEM IN A PHOTONIC MATRIX ACCELERATOR	17/543676	12/6/21	Published	United States of America
RESIDUE NUMBER SYSTEM IN A PHOTONIC MATRIX ACCELERATOR	PCT/US2021/062080	12/6/21	Published	Patent Cooperation Treaty
THE ACCURACY OF LOW-BITWIDTH NEURAL NETWORKS BY REGULARIZING THE HIGHER-ORDER MOMENTS OF WEIGHTS AND HIDDEN STATES	17/672627	2/15/22	Published	United States of America
COMPUTER CHASSIS	209988	1/28/22	Pending	Canada
COMPUTER CHASSIS	2022300624744	1/29/22	Pending	China
COMPUTER CHASSIS	008843825	1/26/22	Pending	European Union
COMPUTER CHASSIS	008843825	1/26/22	Pending	European Union

COMPUTER CHASSIS	008843825	1/26/22	Pending	European Union
COMPUTER CHASSIS	6188690	1/26/22	Granted	United Kingdom
COMPUTER CHASSIS	6188689	1/26/22	Granted	United Kingdom
COMPUTER CHASSIS	6188691	1/26/22	Granted	United Kingdom
COMPUTER CHASSIS	2022-1636	1/28/22	Granted	Japan
COMPUTER CHASSIS	30-2022-3857	1/27/22	Allowed	Republic of Korea
COMPUTER CHASSIS	29/801802	7/30/21	Pending	United States of America
ELECTRONIC-PHOTONIC PROCESSORS AND RELATED PACKAGES	111118912	5/20/22	Pending	Taiwan
ELECTRONIC-PHOTONIC PROCESSORS AND RELATED PACKAGES	17/748916	5/19/22	Published	United States of America
ELECTRONIC-PHOTONIC PROCESSORS AND RELATED PACKAGES	PCT/US2022/030215	5/20/22	Published	Patent Cooperation Treaty
COMPUTER CHASSIS	2022-1637	1/28/22	Granted	Japan
COMPUTER CHASSIS	30-2022-3858	1/27/22	Allowed	Republic of Korea
COMPUTER CHASSIS	29/801810	7/30/21	Pending	United States of America
COMPUTER CHASSIS	2022-1638	1/28/22	Granted	Japan
COMPUTER CHASSIS	30-2022-3859	1/27/22	Allowed	Republic of Korea
COMPUTER CHASSIS	29/801805	7/30/21	Pending	United States of America
ARCHITECTING AN INTEGRATED CIRCUIT OR SYSTEM USING MACHINE LEARNING	17/845796	6/21/22	Pending	United States of America
FIBER-COUPLED LASER LIGHT SOURCE	111132967	8/31/22	Pending	Taiwan
FIBER-COUPLED LASER LIGHT SOURCE	17/899277	8/30/22	Pending	United States of America

FIBER-COUPLED LASER LIGHT SOURCE	PCT/US2022/042038	8/30/22	Pending	Patent Cooperation Treaty
SWITCHED SPATIAL TENSOR DATA MANIPULATION WITH PHOTONICS	17/903201	9/6/22	Pending	United States of America
YIELD ENHANCEMENT TECHNIQUES FOR PHOTONIC COMMUNICATIONS PLATFORM	111134522	9/13/22	Pending	Taiwan
YIELD ENHANCEMENT TECHNIQUES FOR PHOTONIC COMMUNICATIONS PLATFORM	17/942404	9/12/22	Pending	United States of America
YIELD ENHANCEMENT TECHNIQUES FOR PHOTONIC COMMUNICATIONS PLATFORM	PCT/US2022/043209	9/12/22	Pending	Patent Cooperation Treaty
CONSTRAINED OPTIMIZATION USING AN ANALOG PROCESSOR	17/964889	10/12/22	Pending	United States of America
MULTI-TENANT ISOLATION ON A MULTI-RETICLE PHOTONIC COMMUNICATION PLATFORM	111138827	10/13/22	Pending	Taiwan
MULTI-TENANT ISOLATION ON A MULTI-RETICLE PHOTONIC COMMUNICATION PLATFORM	17/964337	10/12/22	Pending	United States of America
MULTI-TENANT ISOLATION ON A MULTI-RETICLE PHOTONIC COMMUNICATION PLATFORM	PCT/US2022/046379	10/12/22	Pending	Patent Cooperation Treaty

IMPROVING THE ACCURACY OF ANALOG LINEAR PROCESSOR	63/287219	12/8/21	Pending	United States of America
PACKAGE ASSEMBLY FLOW AND MATERIALS	63/324598	3/28/22	Pending	United States of America
PACKAGE ASSEMBLY FLOW AND MATERIALS	63/325113	3/29/22	Pending	United States of America
PACKAGE ASSEMBLY FLOW AND MATERIALS	63/332518	4/19/22	Pending	United States of America
PACKAGE ASSEMBLY FLOW AND MATERIALS	63/355315	6/24/22	Pending	United States of America
METHOD FOR OPTICAL FIBER ATTACH ON 3D STACKED WAFER	63/327717	4/5/22	Pending	United States of America
LED-BASED PHOTONIC PROCESSING UNIT	63/336216	4/28/22	Pending	United States of America
WAFER-SCALE HETEROGENEOUS COMPUTING SYSTEMS	63/355275	6/24/22	Pending	United States of America
COMPUTE AND MEMORY DISAGGREGATION USING RECONFIGURABLE OPTICAL COMMUNICATION SUBSTRATE	63/395311	8/4/22	Pending	United States of America
INCREASING THE YIELD OF FIBER ATTACH BY REDUNDANCY	63/397609	8/12/22	Pending	United States of America
CO-PACKAGED OPTICS, ACTIVE INTERPOSER, AND CHIPLET PACKAGING SOLUTION	63/424807	11/11/22	Pending	United States of America
PHOTONIC PROGRAMMABLE INTERCONNECT CONFIGURATIONS	63/428003	11/25/22	Pending	United States of America

EXHIBIT C

Trademarks

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>	<u>Status</u>	<u>Jurisdiction</u>
LIGHTMATTER	29270811	7-Apr-19	Registered	China
LIGHTMATTER	1437114	5-Oct-18	Pending	China
LIGHTMATTER	1437114	5-Oct-18	Registered	European Union
LIGHTMATTER	801437114	5-Oct-18	Registered	United Kingdom
LIGHTMATTER	1437114	5-Oct-18	Registered	Japan
LIGHTMATTER	1437114	5-Oct-18	Registered	Korea, Republic of
LIGHTMATTER	40202004944T	5-Oct-18	Registered	Singapore
LIGHTMATTER	6295611	16-Mar-21	Registered	United States of America
LIGHTMATTER	1437114	5-Oct-18	Registered	Int'l Registration - Madrid Protocol Only
LM (STYLIZED)	to be assigned		Pending	European Union
LM (STYLIZED)	to be assigned		Pending	Japan
LM (STYLIZED)	to be assigned		Pending	Korea, Republic of
LM (STYLIZED)	111049769	13-Jul-22	Pending	Taiwan
LM (STYLIZED)	97/215480	12-Jan-22	Pending	United States of America
LM (STYLIZED)	A0125012	13-Jul-22	Pending	Int'l Registration - Madrid Protocol Only
ENVISE	to be assigned		Pending	European Union
ENVISE	to be assigned		Pending	Japan
ENVISE	to be assigned		Pending	Korea, Republic of
ENVISE	111049768	13-Jul-22	Pending	Taiwan

ENVISE	97/215580	12-Jan-22	Pending	United States of America
ENVISE	A0125014	12-Jul-22	Pending	Int'l Registration - Madrid Protocol Only
PASSAGE	to be assigned		Pending	European Union
PASSAGE	to be assigned		Pending	Japan
PASSAGE	to be assigned		Pending	Korea, Republic of
PASSAGE	111049767	13-Jul-22	Pending	Taiwan
PASSAGE	97/215763	12-Jan-22	Pending	United States of America
PASSAGE	A0125015	12-Jul-22	Pending	Int'l Registration - Madrid Protocol Only
IDIOM	1694536	12-Jul-22	Pending	European Union
IDIOM	1694536	12-Jul-22	Pending	Japan
IDIOM	1694536	12-Jul-22	Pending	Korea, Republic of
IDIOM	111049766	13-Jul-22	Pending	Taiwan
IDIOM	97/215801	12-Jan-22	Pending	United States of America
IDIOM	1694536	12-Jul-22	Registered	Int'l Registration - Madrid Protocol Only
A GIANT LEAP	97/215846	12-Jan-22	Pending	United States of America
PASSAGELINK	97/259203	9-Feb-22	Pending	United States of America