# CH \$190.00 62956

### 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

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:** 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

TRADEMARK REEL: 008028 FRAME: 0436

900762322

SIGNATURE:	/JENNIFER FITZPATRICK/				
DATE SIGNED:	03/31/2023				
Total Attachments: 17					
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#### 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

Dennis P. Cameron

Name: Dennis Cameron

Title: Chief Executive Officer

# EXHIBIT B

## Patents

Description	A and in a Ninashan	Application	Chatas	Tomicalistics
<u>Description</u>	Application Number	<u>Date</u>	<u>Status</u>	<u>Jurisdiction</u>
PHOTONIC PROCESSING	2100226	5/14/10	Dandina	Canada
SYSTEMS AND METHODS	3100326	5/14/19	Pending	Canada
PHOTONIC PROCESSING SYSTEMS AND METHODS	2019800467448	5/14/10	Granted	China
	2019800407448	5/14/19	Granted	Cillia
PHOTONIC PROCESSING SYSTEMS AND METHODS	2022106047237	5/14/19	Published	China
	2022100047237	3/14/19	rublished	
PHOTONIC PROCESSING SYSTEMS AND METHODS	19803490.2	5/14/19	Published	European Patent Office
	19003490.2	3/14/19	1 ublished	Tatent Office
PHOTONIC PROCESSING SYSTEMS AND METHODS	2021-514294	5/14/19	Pending	Japan
PHOTONIC PROCESSING	2021 314274	3/14/19	1 Chang	<u> </u>
SYSTEMS AND METHODS	10-2020-7036125	5/14/19	Pending	Republic of Korea
PHOTONIC PROCESSING	10 2020 7030123	3/1 1/15	Tonding	Rolea
SYSTEMS AND METHODS	11202011352S	5/14/19	Pending	Singapore
PHOTONIC PROCESSING	112020110025	0/1 // 2	1 onum	singupore
SYSTEMS AND METHODS	108116591	5/14/19	Published	Taiwain
PHOTONIC PROCESSING				United States of
SYSTEMS AND METHODS	16/412098	5/14/19	Granted	America
PHOTONIC PROCESSING				United States of
SYSTEMS AND METHODS	16/986655	8/6/20	Granted	America
PHOTONIC PROCESSING				United States of
SYSTEMS AND METHODS	17/539377	12/1/21	Allowed	America
DUOTES VA DE CATAGONIA			NT . 1	Patent
PHOTONIC PROCESSING SYSTEMS AND METHODS	PCT/US2019/032181	5/14/19	National Phase	Cooperation   Treaty
STSTEMS AND METHODS	FC1/052019/052161	3/14/19	Filase	Treaty
SYSTEMS AND METHODS				
FOR TRAINING MATRIX-				United States of
BASED DIFFERENTIABLE PROGRAMS	16/412159	5/14/19	Granted	America
	10/71213/	JI 17/17	Granicu	rinerea
SYSTEMS AND METHODS				
FOR TRAINING MATRIX- BASED DIFFERENTIABLE				United States of
PROGRAMS	16/915023	6/29/20	Granted	America
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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	Taiwain
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

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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-	107100207	2/20/20	1 donsiled	Tarwam
DIGITAL MATRIX				United States of
PROCESSORS	16/800998	2/25/20	Granted	America
HYBRID ANALOG-	10/000770	2123120	Granicu	7 tinerica
DIGITAL MATRIX				United States of
PROCESSORS	16/801015	2/25/20	Granted	America
HYBRID ANALOG-	10/001013	2/23/20	Granca	7 Hinerieu
DIGITAL MATRIX				United States of
PROCESSORS	16/995674	8/17/20	Granted	America
HYBRID ANALOG-	20/7/00/	0/1//20		
DIGITAL MATRIX				United States of
PROCESSORS	17/246892	5/3/21	Published	America
HYBRID ANALOG-				
DIGITAL MATRIX				United States of
PROCESSORS	17/545137	12/8/21	Published	America
HYBRID ANALOG-				Patent
DIGITAL MATRIX			National	Cooperation
PROCESSORS	PCT/US2020/019747	2/25/20	Phase	Treaty
PATH-NUMBER-				
BALANCED UNIVERSAL				
PHOTONIC NETWORK	109105832	2/24/20	Published	   Taiwain
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PATH-NUMBER-				
BALANCED UNIVERSAL	16/2001/20	2/2//20		United States of
PHOTONIC NETWORK	16/799153	2/24/20	Granted	America
PATH-NUMBER-				
BALANCED UNIVERSAL				United States of
PHOTONIC NETWORK	17/507325	10/21/21	Published	America
PHOTONIC				
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PLATFORM	3131615	3/5/20	Pending	Canada
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COMMUNICATION	202000010010 37	2/5/20	D 11: 1 .	G1:
PLATFORM	202080019018.X	3/5/20	Published	China
PHOTONIC				
COMMUNICATION				European
PLATFORM	20766814.6	3/5/20	Published	Patent Office
PHOTONIC				
COMMUNICATION				
PLATFORM	62022055815.4	3/5/20	Published	Hong Kong
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PHOTONIC COMMUNICATION PLATFORM	2021-552698	3/5/20	Pending	Japan
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COMMUNICATION PLATFORM	10-2021-7032104	3/5/20	Pending	Republic of Korea
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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				United States of
PLATFORM	17/313415	5/6/21	Published	America
PHOTONIC				
COMMUNICATION				United States of
PLATFORM	18/070889	11/29/22	Pending	America
PHOTONIC				Patent
COMMUNICATION			National	Cooperation
PLATFORM	PCT/US2020/021209	3/5/20	Phase	Treaty
PHOTONICS				
STABILIZATION				
CIRCUITRY	202080061638.X	7/1/20	Published	China
PHOTONICS				
STABILIZATION	200242467	7/1/20	D 111.1.1	European
CIRCUITRY PHOTONICS	20834346.7	7/1/20	Published	Patent Office
STABILIZATION				
CIRCUITRY	2021-577094	7/1/20	Pending	Japan
PHOTONICS	2021 011001	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1 chang	- capaii
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CIRCUITRY	10-2022-7003471	7/1/20	Pending	Korea
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CIRCUITRY	109122242	7/1/20	Published	Taiwain
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STABILIZATION	16/019106	7/1/20	Constant	United States of
CIRCUITRY	16/918196	7/1/20	Granted	America

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STABILIZATION				United States of
CIRCUITRY	17/843939	6/17/22	Published	America
PHOTONICS	1110-13737	0/1//22	1 donished	Patent
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CIRCUITRY	PCT/US2020/040428	7/1/20	Phase	Treaty
SYSTEMS AND METHODS	1 C1/032020/040428	771720	Thase	Ticaty
FOR ANALOG				
COMPUTING USING A				
LINEAR PHOTONIC				
PROCESSOR	3148118	7/28/20	Pending	Canada
SYSTEMS AND METHODS	3140110	1128/20	Peliding	Canada
FOR ANALOG				
COMPUTING USING A				
LINEAR PHOTONIC	202000000000	7/29/20	D. l. P. J.	Chin .
PROCESSOR  EXCHEMS AND METHODS	2020800686429	7/28/20	Published	China
SYSTEMS AND METHODS				
FOR ANALOG				
COMPUTING USING A				
LINEAR PHOTONIC	20047147.0	7/00/00	D 11: 1 1	European
PROCESSOR	20847145.8	7/28/20	Published	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				Republic of
PROCESSOR	10-2022-7006299	7/28/20	Pending	Korea
SYSTEMS AND METHODS				
FOR ANALOG				
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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				United States of
PROCESSOR	16/940900	7/28/20	Granted	America

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SYSTEMS AND METHODS FOR ANALOG				
COMPUTING USING A LINEAR PHOTONIC				United States of
PROCESSOR	17/840515	6/14/22	Pending	America
SYSTEMS AND METHODS FOR ANALOG				
COMPUTING USING A LINEAR			National	Patent Cooperation
PHOTONIC PROCESSOR	PCT/US2020/043841	7/28/20	Phase	Treaty
QUANTIZED INPUTS FOR MACHINE LEARNING MODELS	17/028175	9/22/20	Published	United States of America
QUANTIZED	177020173	<i>3122120</i>	T dollared	7 HIIOTICA
ARCHITECTURE SEARCH FOR MACHINE LEARNING				United States of
MODELS	17/081841	10/27/20	Published	America
PIN SHARING FOR PHOTONIC PROCESSORS	110101633	1/15/21	Published	   Taiwain
PIN SHARING FOR	110101033	1710721	T donished	United States of
PHOTONIC PROCESSORS	17/149110	1/14/21	Granted	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				European
RELATED METHODS	20891195.8	11/20/20	Published	Patent Office
LINEAR PHOTONIC PROCESSORS AND				
RELATED METHODS	2022-529630	11/20/20	Pending	Japan
LINEAR PHOTONIC				
PROCESSORS AND				Republic of
RELATED METHODS	10-2022-7021075	11/20/20	Pending	Korea
LINEAR PHOTONIC				
PROCESSORS AND RELATED METHODS	109140823	11/20/20	Published	   Taiwain
LINEAR PHOTONIC				
PROCESSORS AND				United States of
RELATED METHODS	17/100158	11/20/20	Granted	America

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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	Taiwain
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

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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	Taiwain
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	   Taiwain
FAST PREDICTION PROCESSOR	17/359025	6/25/21	Published	United States of America

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FAST PREDICTION				Cooperation
PROCESSOR	PCT/US2021/039227	6/25/21	Published	Treaty
SYSTEMS AND METHODS	1032021/039227	0/23/21	rublished	Treaty
FOR UTILIZING				
PHOTONIC DEGREES OF				
FREEDOM IN A PHOTONIC				
PROCESSOR	110127129	7/23/21	Pending	   Taiwain
SYSTEMS AND METHODS	11012/12)	1123121	Tending	Tarwam
FOR UTILIZING				
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FREEDOM IN A PHOTONIC				United States of
PROCESSOR	17/383509	7/23/21	Published	America
SYSTEMS AND METHODS		.,,,		
FOR UTILIZING				
PHOTONIC DEGREES OF				Patent
FREEDOM IN A PHOTONIC				Cooperation
PROCESSOR	PCT/US2021/042882	7/23/21	Published	Treaty
TECHNIQUES FOR				
ADAPTING NEURAL				United States of
NETWORKS TO DEVICES	17/390764	7/30/21	Published	America
	111370104	7730721	Tublished	
PHOTONICS PROCESSOR	17/040570	1/06/01	D 11: 1 1	United States of
AN EFFICIENT	17/240573	4/26/21	Published	America
AN EFFICIENT BUFFERING TECHNIQUE				
FOR TRANSFERRING				
DATA	110141646	11/9/21	Published	   Taiwain
AN EFFICIENT	110141040	11/9/21	1 ublished	Taiwaiii
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DATA	17/522831	11/9/21	Published	America
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DATA	PCT/US2021/058658	11/9/21	Published	Treaty
VECTOR PROCESSOR				
DATA STORAGE	110142559	11/16/21	Pending	   Taiwain
	110144339	11/10/21	rending	
VECTOR PROCESSOR	4.7.70.7.0.7	4412-1		United States of
DATA STORAGE	17/527107	11/15/21	Published	America
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PARALLELIZATION AND				
PIPELINING STRATEGIES				
FOR AN EFFICIENT				
ANALOG NEURAL				
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ACCELERATOR	110142564	11/16/21	Published	Taiwain
PARALLELIZATION AND				
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ANALOG NEURAL				
NETWORK				United States of
ACCELERATOR	17/526960	11/15/21	Published	America
PARALLELIZATION AND				
PIPELINING STRATEGIES				
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ANALOG NEURAL				Patent
NETWORK				Cooperation
ACCELERATOR	PCT/US2021/059408	11/15/21	Published	Treaty
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MODEL TRAINING USING	17/527157	11/20/21	D. I. I I	United States of
AN ANALOG PROCESSOR	17/537156	11/29/21	Published	America
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AN ANALOG PROCESSOR	PCT/US2021/061013	11/29/21	Published	Treaty
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SYSTEM IN A PHOTONIC				United States of
MATRIX ACCELERATOR	17/543676	12/6/21	Published	America
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MOMENTS OF WEIGHTS	17/670607	0/15/00	D 1	United States of
AND HIDDEN STATES	17/672627	2/15/22	Published	America
COMPUTER CHASSIS	209988	1/28/22	Pending	Canada
COMPUTER CHASSIS	2022300624744	1/29/22	Pending	China
COMPLETED CITY SOLE	000042025	1,000		European
COMPUTER CHASSIS	008843825	1/26/22	Pending	Union
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COMPUTER CHASSIS	008843825	1/26/22	Pending	Union

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COMPLETED CHARGE	000042025	1/26/22	Dandina	European Union
COMPUTER CHASSIS	008843825	1/20/22	Pending	United
COMPUTER CHASSIS	6188690	1/26/22	Granted	Kingdom
COMPUTER CHASSIS	0100090	1/20/22	Granieu	United
COMPUTER CHASSIS	6188689	1/26/22	Granted	Kingdom
COMI CIER CHASSIS	0100007	1/20/22	Granted	United
COMPUTER CHASSIS	6188691	1/26/22	Granted	Kingdom
COMPUTER CHASSIS	2022-1636	1/28/22	Granted	Japan
COMI CTER CHASSIS	2022-1030	1720722	Granicu	Republic of
COMPUTER CHASSIS	30-2022-3857	1/27/22	Allowed	Korea
COMI CIER CITABOIS	30 2022 3031	1121122	7 HIOWEG	
COMPLITED CHARGIC	20/001002	7/20/21	D 1'	United States of
COMPUTER CHASSIS	29/801802	7/30/21	Pending	America
ELECTRONIC-PHOTONIC				
PROCESSORS AND				
RELATED PACKAGES	111118912	5/20/22	Pending	Taiwain
ELECTRONIC-PHOTONIC				
PROCESSORS AND				United States of
RELATED PACKAGES	17/748916	5/19/22	Published	America
				Datant
ELECTRONIC-PHOTONIC PROCESSORS AND				Patent
RELATED PACKAGES	PCT/US2022/030215	5/20/22	Published	Cooperation Treaty
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COMPUTER CHASSIS	2022-1637	1/28/22	Granted	Japan
COMPUTER CHASSIS	30-2022-3858	1/27/22	Allowed	Republic of Korea
COMPUTER CHASSIS	30-2022-3636	1/2//22	Allowed	
	201004040	_ ,,,,,,,,		United States of
COMPUTER CHASSIS	29/801810	7/30/21	Pending	America
COMPUTER CHASSIS	2022-1638	1/28/22	Granted	Japan
				Republic of
COMPUTER CHASSIS	30-2022-3859	1/27/22	Allowed	Korea
				United States of
COMPUTER CHASSIS	29/801805	7/30/21	Pending	America
ARCHITECTING AN				
INTEGRATED CIRCUIT OR				
SYSTEM USING MACHINE				United States of
LEARNING	17/845796	6/21/22	Pending	America
FIBER-COUPLED LASER				
LIGHT SOURCE	111132967	8/31/22	Pending	   Taiwain
	111134707	0131144	1 chang	
FIBER-COUPLED LASER	17/000277	0/20/22	D 1:	United States of
LIGHT SOURCE	17/899277	8/30/22	Pending	America

				Patent
FIBER-COUPLED LASER				Cooperation
LIGHT SOURCE	PCT/US2022/042038	8/30/22	Pending	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	Taiwain
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	Taiwain
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

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IMPROVING THE				
ACCURACY OF ANALOG LINEAR PROCESSOR	63/287219	12/8/21	Pending	United States of America
PACKAGE ASSEMBLY	03/20/21)	12/0/21	Tenamg	United States of
FLOW AND MATERIALS	63/324598	3/28/22	Pending	America
PACKAGE ASSEMBLY				United States of
FLOW AND MATERIALS	63/325113	3/29/22	Pending	America
PACKAGE ASSEMBLY FLOW AND MATERIALS	63/332518	4/19/22	Dandina	United States of America
PACKAGE ASSEMBLY	03/332316	4/19/22	Pending	United States of
FLOW AND MATERIALS	63/355315	6/24/22	Pending	America
METHOD FOR OPTICAL				
FIBER ATTACH ON 3D				United States of
STACKED WAFER	63/327717	4/5/22	Pending	America
LED-BASED PHOTONIC	(2/22/21/	1/00/00	D 1'	United States of
PROCESSING UNIT	63/336216	4/28/22	Pending	America
WAFER-SCALE HETEROGENEOUS				United States of
COMPUTING SYSTEMS	63/355275	6/24/22	Pending	America
COMPUTE AND MEMORY				
DISAGGREGATION USING RECONFIGURABLE				
OPTICAL				
COMMUNICATION				United States of
SUBSTRATE	63/395311	8/4/22	Pending	America
INCREASING THE YIELD				17 10 10 1
OF FIBER ATTACH BY REDUNDANCY	63/397609	8/12/22	Pending	United States of America
	00/07/007	0/12/22	Tonamig	1 Illicitou
CO-PACKAGED OPTICS, ACTIVE INTERPOSER,				
AND CHIPLET				United States of
PACKAGING SOLUTION	63/424807	11/11/22	Pending	America
PHOTONIC				
PROGRAMMABLE				I I mide of Course Co
INTERCONNECT CONFIGURATIONS	63/428003	11/25/22	Pending	United States of America
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# EXHIBIT C

## Trademarks

<u>Description</u>	Registration/ Application Number	Registration/ Application <u>Date</u>	<u>Status</u>	Jurisdiction
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

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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

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