PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOMO LAZOVICH	05/13/2019
DARIUS BUNANDAR	05/13/2019
NICHOLAS C HARRIS	05/13/2019
MARTIN FORSYTHE	05/13/2019

RECEIVING PARTY DATA

Name:	LIGHTMATTER, INC.
Street Address:	61 CHATHAM STREET
Internal Address:	5TH FLOOR
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02109

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16412159

CORRESPONDENCE DATA

Fax Number: (617)646-8646

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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Email: PATENTS RANDYP@WOLFGREENFIELD.COM

Correspondent Name: RANDY J. PRITZKER
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WOLF GREENFIELD

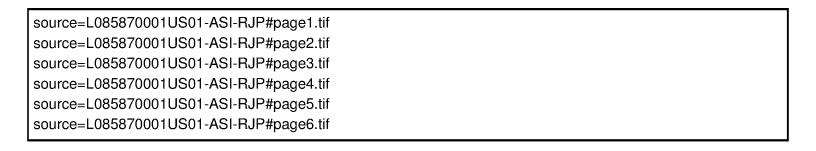
Address Line 4: BOSTON, MASSACHUSETTS 02210

	ATTORNEY DOCKET NUMBER:	L0858.70001US01
,	NAME OF SUBMITTER:	RANDY J. PRITZKER
DATE SIGNED: 02/07/2020	SIGNATURE:	/Randy J. Pritzker/
	DATE SIGNED:	02/07/2020

Total Attachments: 6

PATENT REEL: 051748 FRAME: 0733

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PATENT REEL: 051748 FRAME: 0734

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

- Sell, assign and transfer to Lightmatter, Inc., a Delaware Corporation having a place of business at 61 Chatham Street, 5th Floor, Boston, Massachusetts 02109, its successors. assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the patent application for United States Letters Patent filed in the United States Patent and Trademark Office on May 14, 2019 16/412.159 , bearing Attorney Docket No. L0858.70001US01, and entitled ALGORITHMS FOR TRAINING NEURAL NETWORKS WITH PHOTONIC HARDWARE ACCELERATORS, and in and to the application and all corresponding provisional, nonprovisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions and designs; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions and designs, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent, including a reasonable royalty relating to provisional rights under 35 U.S.C. § 154(d) that have attached to any published United States patent application, on the inventions and designs;
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions and designs in its own name; and when requested, without charge to but at the expense of the Assignee, agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions and designs, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and designs and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and designs and for vesting title to the inventions and designs and all applications for patents and all patents on the inventions and designs, in the Assignee;
- Request the Director of the United States Patent and Trademark Office and foreign patent authorities to issue the Letters Patent or other intellectual property rights, including foreign patents, to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing application identification information or correct any errors in the application identification information provided above, whether discovered prior to or after recordation;

Attorney Docket No. L0858.70001US01

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- 5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
- 6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

05/13/2019		Coro Call
Date	Inventor:	Tomo Lazovich
	Address: 3	30 Cambridgepark Drive
	,	Apt. 1132
	(Cambridge, Massachusetts 02140
C	itizenship: I	US
Witness: 5/15/10/9		44
Date	Signature	
		- 11 WV.
	Name:	7.02 WKO36
	Address:	5,5H MYERZIE 295 Handrid #788
		Ca-brilge 184 OZ129
Witness:		
05/13/2015		/
Date	Signature	
	Name:	Main Burgala
	Address:	130 Kowaciin St. 184 706

<u>భా/స్ప డుగ్త</u> Date Inventor: Darius Bunahdar Address: 61 Chatham Street, 5th Floor Boston, Massachusetts 02109 Citizenship: Indonesia Witness: Signature Name: Address: Witness: Name: Address:

5/13/19		4
Date	Inventor:	Nichelas C. Harris
	Address:	21 Pershing Road
		No. 2
		Jamaica Plain, Massachusetts 02130
	Citizenship:	US
Witness:	Signature Name: Address:	Darius Burarda-
Witness: 	Signature Name:	Som M'Erreic
	X.J. IV	
	Address:	295 Harry 44 # 708
		Guedde MAOUS9

05/13/2019		
Date	Inventor:	Martin Forsythe
	Address:	62 Pleasant Street, Apt. 2
		Cambridge, Massachusetts 02139
	Citizenship:	US
Witness: 03 / ß / 2≫/ 9		4
Date	Signature	9
	Name:	Daniu Bunarda :
	Address:	130 Polidoin St. APt. 406
		Asstan MA 0260}
Witness: S7/3/2013 Date	Signatur	
	Name:	Sest Melone
	Address:	
		Cabrilly, 14000 39

Attorney Docket No. L0858.70001US01

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RECORDED: 02/07/2020