503885289 06/23/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TONY WERNER	06/21/2016
ARAVIND KALAIAH	06/23/2016
ANDREW YANG	06/21/2016
CAREY KLOSS	06/21/2016
HORACE LAU	06/21/2016
NAVEEN GANDHAM RAO	06/21/2016
AMIR KHOSROWSHAHI	06/22/2016

RECEIVING PARTY DATA

Name:	NERVANA SYSTEMS, INC.	
Street Address:	9710 SCRANTON ROAD #160	
City:	SAN DIEGO	
State/Country:	CALIFORNIA	
Postal Code:	92121	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14874784

CORRESPONDENCE DATA

Fax Number: (650)938-5200

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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ATTORNEY DOCKET NUMBER:	32784-32776	
NAME OF SUBMITTER:	RAJENDRA B. PANWAR, REG. NO. 63,165	
SIGNATURE:	/Rajendra Panwar/	
DATE SIGNED:	06/23/2016	

PATENT 503885289 REEL: 038993 FRAME: 0396

Total Attachments: 3

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> PATENT REEL: 038993 FRAME: 0397

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Nervana Systems, Inc.**, a Delaware corporation, having a place of business at 9710 Scranton Road #160, San Diego, CA 92121 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

- 1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional or non-provisional application filed under 35 U.S.C. § 111, design application filed under 35 U.S.C. § 171, international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):
 - Application No. 14/874,784, entitled "PIPELINED CONVOLUTIONAL OPERATIONS FOR PROCESSING CLUSTERS," filed on October 5, 2015.
 - 2. The entire worldwide right, title, and interest in and to:
- (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto that have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) that may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

1 of 3

32784/32764/DOCS/3994365.1

Title:	PIPELINED CONVOLUTIONAL OPERATIONS FOR PROCESSING CLUSTERS		
Filed:	October 5, 2015 Attorney Docket #: 32784-32776/US		32784-32776/US
Application #:	14/874,784		

INVENTOR 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 or other authority for recordation of this document.

This Assignment 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.

Name and Signature	Date of Signature	
Tony Lee werner	Jun 21, 2016	
Tony Werner		
Name and Signature	Date of Signature	
Aravind Kalaiah	Jun 23, 2016	
Aravind Kalaiah		
Name and Signature	Date of Signature	
Andrew Yang	Jun 21, 2016	
Andrew Yang		
Name and Signature	Date of Signature	
Carey Kloss	Jun 21, 2016	
Carey Kloss		
Name and Signature	Date of Signature	
Ноласе Ган	Jun 21, 2016	
Поводо I он		

Title:	PIPELINED CONVOLUTIONAL OPERATIONS FOR PROCESSING CLUSTERS		
Filed:	October 5, 2015 Attorney Docket #: 32784-32776/US		32784-32776/US
Application #:	14/874,784		

Name and Signature	Date of Signature
Naveen Rao	Jun 21, 2016
Naveen Gandham Rao	
Name and Signature	Date of Signature
Juir Khoçrowshahi	Jun 22, 2016
Amir Khosrowshahi	