

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4865682

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LIN YANG	03/06/2018
PATRICK Z. DONG	03/13/2018
JASON Z. DONG	03/05/2018
BAOHUA SUN	03/05/2018
<b>RECEIVING PARTY DATA</b>	
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<b>Street Address:</b>	1900 MCCARTHY BLVD. SUITE 208
<b>City:</b>	MILPITAS
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95035
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15920842
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<b>ATTORNEY DOCKET NUMBER:</b>	GTI-1802
<b>NAME OF SUBMITTER:</b>	ROGER H CHU
<b>SIGNATURE:</b>	/rhchu/
<b>DATE SIGNED:</b>	03/14/2018
<b>Total Attachments: 3</b>	
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## ASSIGNMENT

WHEREAS, We, Lin Yang, Patrick Z. Dong, Jason Z. Dong, and Baohua Sun, residing respectively in Milpitas, California, San Jose, California, San Jose, California, and Fremont, California, have made an invention entitled:

**Approximating Fully-Connected Layers With Multiple  
Arrays Of 3x3 Convolutional Filter Kernels In A CNN  
Based Integrated Circuit**

and

(1) are about to make an application for the United States Letters Patent therefor, the same having been executed by us on even date herewith;

OR

(2) have made an application for the United States Letters Patent therefor, the same having been filed on (\_\_\_\_\_) under Application No. (\_\_\_\_\_), in connection with which we hereby authorize and request the assignee's representative associated with Customer Number 37804 to insert within the foregoing parentheses the filing date and Application No. of said application when known; and

WHEREAS, GYRFALCON TECHNOLOGY INC., a corporation organized and existing under the laws of the State of Delaware, having an address of 1900 McCarthy Blvd. Suite 208, Milpitas, CA, 95035, is desirous of acquiring the entire interest in said invention, said United States patent

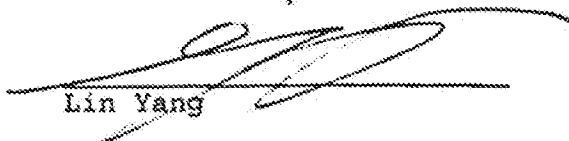
application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto **GYRFALCON TECHNOLOGY INC.**, its successors, assigns, and legal representatives, all right, title and interest in and to said invention and any and all improvements thereon for all countries of the world, and in and to said United States patent application, including the right to claim priority under the International Convention based on said patent application, and any patent which may issue thereon, and any reissues of the same; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations and divisions therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same;

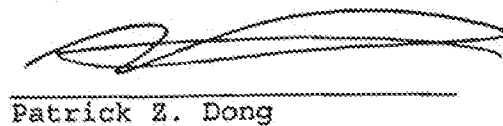
and we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to **GYRFALCON TECHNOLOGY INC.** as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, we have hereunto signed out  
names on the date indicated hereinafter.

03-06-2018  
Date

  
Lin Yang

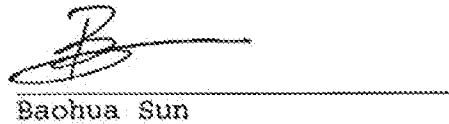
3.13.18  
Date

  
Patrick Z. Dong

03/05/2018  
Date

  
Jason Z. Dong

03/05/2018  
Date

  
Baohua Sun