

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5297190

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHYU-JIUH TORNG	05/23/2018
DANIEL H. LIU	05/23/2018
WENHAN ZHANG	12/20/2018
HUALIANG YU	12/19/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GYRFALCON TECHNOLOGY INC.
<b>Street Address:</b>	1900 MCCARTHY BOULEVARD
<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>
Application Number:	16230020
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)321-4299
<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>	
<b>Phone:</b>	312-321-4200
<b>Email:</b>	usassignments@brinksgilson.com, gchen@brinksgilson.com, lpeterson@brinksgilson.com
<b>Correspondent Name:</b>	GANG CHEN
<b>Address Line 1:</b>	BRINKS GILSON & LIONE
<b>Address Line 2:</b>	POST OFFICE BOX 10395
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60610
<b>ATTORNEY DOCKET NUMBER:</b>	16348-14
<b>NAME OF SUBMITTER:</b>	GANG CHEN, REG. NO. 68,754
<b>SIGNATURE:</b>	/Gang Chen/
<b>DATE SIGNED:</b>	12/21/2018
<b>Total Attachments: 8</b> source=1634814Assn#page1.tif	

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## ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00) and for other good and valuable consideration, the receipt of which is hereby acknowledged, by this document

### ASSIGNORS:

Name	Address
<b>Chyu-Jiuh TORNG</b>	2022 Contrada Court., Dublin, California 94568
<b>Daniel H. LIU</b>	2072 McKenzie Place, San Jose, California 95131
<b>Wenhan ZHANG</b>	1556 Stancombe Cres, Mississauga, ON, Canada, L5N4P3
<b>Hualiang YU</b>	1700 Salamoni Court, San Jose, California 95133

assigns and transfers to:

### ASSIGNEE:

Name	Address
Gyrfalcon Technology Inc.	1900 McCarthy Blvd., Milpitas, California 95035

the entire right, title and interest in and to the invention entitled:

### **Improving Effective Chip Yield for Artificial Intelligence Integrated Circuit with Embedded Memory**

and which is found in:

- ☒ **the U.S. patent application filed with this assignment document**
- ☐ U.S. patent application no. , filed
- ☐ International patent application no. , filed
- ☐ U.S. patent no. , issued

and, in and to

- all patent applications filed and letters patent obtained for the invention, whether foreign and domestic, and all continuations, continuation-in-part divisions, renewals, reissues, re-examinations, or substitutes of any such patent or patent application; and any patents and patent applications to which any such patent or patent application claims priority;
- all rights to any legal equivalent thereof in a foreign country such as patents of addition, utility models, patents of importation, revalidation patents and inventor certificates;
- the right to apply for patents and inventor certificates relating to the invention, and the right to claim priority to all applications throughout the world in respect of the invention; and

- the right to sue and recover any and all damages and profits, and any and all other remedies, for past, present, or future infringements of patents directed to the invention.

ASSIGNORS authorizes ASSIGNEE or its legal representative to insert in this instrument the filing date, serial number, and any other information that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office or any other domestic or foreign government entity for the recordation of this document.

ASSIGNOR(S) warrants and agrees that:

- no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;
- upon request, ASSIGNOR(S) will promptly provide ASSIGNEE with all pertinent facts and documents relating to the invention as may be known and accessible to ASSIGNOR(S);
- ASSIGNOR(S) will, at ASSIGNEE'S expense, testify as to the same in any interference, litigation or proceeding related to the invention; and
- ASSIGNOR(S) will promptly execute and deliver to ASSIGNEE, its assigns or its legal representatives, without further or additional consideration, any and all papers, instruments or affidavits required, render all necessary assistance, and do such additional acts as ASSIGNEE or its successors or assigns may deem necessary or desirable, to apply for, obtain, maintain, issue and enforce any resulting patents or patent applications.

ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks and any foreign counterpart to issue any and all letters patent for the invention to ASSIGNEE, for ASSIGNEE'S sole use and benefit, and for the use and benefit of ASSIGNEE'S successors and assigns, to the full end of the term for which such patent may be granted.

ASSIGNOR(S) agree that this document shall bind and inure to the benefit of the heirs, assigns and legal representatives of both ASSIGNOR(S) and ASSIGNEE.

Name:

Chy 2  
Chyu-Jiuh Torng

Date:

12/19/18

State of

California

County of

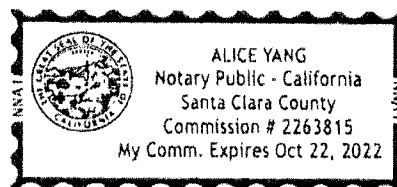
Santa Clara

On Dec. 19<sup>th</sup>, before me, Alice Yang, personally appeared Chyu-Jiuh Torng, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[Signature]



Name:

[Signature]  
Daniel H. Liu

Date:

12/19/18

State of

California

County of

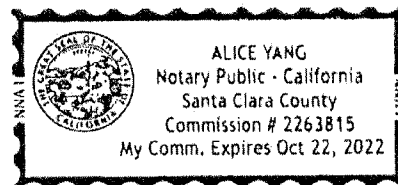
Santa Clara

On Dec. 19<sup>th</sup>, before me, Alice Yang, personally appeared Daniel H. Liu, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal

[Signature]



Name: \_\_\_\_\_  
Wenhan Zhang

Date: \_\_\_\_\_

State of \_\_\_\_\_  
County of \_\_\_\_\_

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Wenhan Zhang, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Name: \_\_\_\_\_  
Hualiang Yu

Date: 12/19/2018

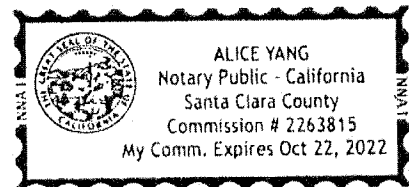
State of California  
County of Santa Clara

On Dec. 19<sup>th</sup>, before me, Alice Yang, personally appeared Hualiang Yu, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

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Name	Address
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- ☐ International patent application no. , filed
- ☐ U.S. patent no. , issued

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- all patent applications filed and letters patent obtained for the invention, whether foreign and domestic, and all continuations, continuation-in-part divisions, renewals, reissues, re-examinations, or substitutes of any such patent or patent application; and any patents and patent applications to which any such patent or patent application claims priority;
- all rights to any legal equivalent thereof in a foreign country such as patents of addition, utility models, patents of importation, revalidation patents and inventor certificates;
- the right to apply for patents and inventor certificates relating to the invention, and the right to claim priority to all applications throughout the world in respect of the invention; and

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- ASSIGNOR(S) will, at ASSIGNEE'S expense, testify as to the same in any interference, litigation or proceeding related to the invention; and
- ASSIGNOR(S) will promptly execute and deliver to ASSIGNEE, its assigns or its legal representatives, without further or additional consideration, any and all papers, instruments or affidavits required, render all necessary assistance, and do such additional acts as ASSIGNEE or its successors or assigns may deem necessary or desirable, to apply for, obtain, maintain, issue and enforce any resulting patents or patent applications.

ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks and any foreign counterpart to issue any and all letters patent for the invention to ASSIGNEE, for ASSIGNEE'S sole use and benefit, and for the use and benefit of ASSIGNEE'S successors and assigns, to the full end of the term for which such patent may be granted.

ASSIGNOR(S) agree that this document shall bind and inure to the benefit of the heirs, assigns and legal representatives of both ASSIGNOR(S) and ASSIGNEE.



Name: \_\_\_\_\_  
Chyu-Jiuh Torng

Date: \_\_\_\_\_

State of \_\_\_\_\_  
County of \_\_\_\_\_

On \_\_\_\_\_, before me, \_\_\_\_\_, personally  
appeared Chyu-Jiuh Torng, who proved to me on the basis of  
satisfactory evidence to be the person whose name is subscribed to the within instrument and  
acknowledged to me that he/she executed the same in his/her authorized capacity, and that by  
his/her signature on the instrument the person, or the entity upon behalf of which the person  
acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the  
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

\_\_\_\_\_

Name: \_\_\_\_\_  
Daniel H. Liu

Date: \_\_\_\_\_

State of \_\_\_\_\_  
County of \_\_\_\_\_

On \_\_\_\_\_, before me, \_\_\_\_\_, personally  
appeared Daniel H. Liu, who proved to me on the basis of  
satisfactory evidence to be the person whose name is subscribed to the within instrument and  
acknowledged to me that he/she executed the same in his/her authorized capacity, and that by  
his/her signature on the instrument the person, or the entity upon behalf of which the person  
acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the  
foregoing paragraph is true and correct.

WITNESS my hand and official seal

\_\_\_\_\_

Name: Wenhan Zhang  
Wenhan Zhang

Date: Dec 20, 2018

State of Ontario  
County of Mississauga

On Dec 20, 2018, before me, Huaping Shen, personally appeared Wenhan Zhang, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Huaping Shen

Name: \_\_\_\_\_  
Hualiang Yu

Date: \_\_\_\_\_

State of \_\_\_\_\_  
County of \_\_\_\_\_

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Hualiang Yu, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

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WITNESS my hand and official seal.

\_\_\_\_\_