

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7236752

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MINHAO YANG	03/03/2022
HONGJIE LIU	03/14/2022
ALONSO MORGADO	02/28/2022
NEIL WEBB	02/24/2022
RECEIVING PARTY DATA	
Name:	REEXEN TECHNOLOGY CO., LTD.
Street Address:	310, BUILDING 1, SHENZHEN NEW GENERATION INDUSTRIAL PARK, NO.136 ZHONGKANG ROAD, MEIDU COMMUNITY, MEILIN STREET, FUTIAN DISTRICT
City:	SHENZHEN, GUANGDONG
State/Country:	CHINA
Postal Code:	518049
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17762447
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	docketing@dority-manning.com
Correspondent Name:	DORITY & MANNING, P.A.
Address Line 1:	POST OFFICE BOX 1449
Address Line 4:	GREENVILLE, SOUTH CAROLINA 29602-1449
ATTORNEY DOCKET NUMBER:	MARKS-52-PCT-US
NAME OF SUBMITTER:	JASON A. JENNINGS
SIGNATURE:	/Jason A. Jennings/
DATE SIGNED:	03/22/2022
Total Attachments: 5	
source=MARKS-52-PCT-US_Executed_Assignment#page1.tif	
source=MARKS-52-PCT-US_Executed_Assignment#page2.tif	

source=MARKS-52-PCT-US_Executed_Assignment#page3.tif
source=MARKS-52-PCT-US_Executed_Assignment#page4.tif
source=MARKS-52-PCT-US_Executed_Assignment#page5.tif

CONFIRMATORY ASSIGNMENT OF WORLDWIDE RIGHTS

WHEREAS, we, Minhao Yang, a citizen of China, residing in Zürich, Switzerland; and Hongjie Liu, a citizen of China, residing in Shenzhen, Guangdong, China;; as assignors, have made an invention entitled

**“SUB-CELL, MAC ARRAY AND BIT-WIDTH RECONFIGURABLE MIXED-SIGNAL IN-MEMORY
COMPUTING MODULE”**

(the “Invention”) as described in a patent application (the “Patent Application”), the specification of which:

- is attached hereto.
- was filed on _____ as U.S. Application Serial No. _____.
- X was filed on March 30, 2021 as PCT Application Serial No. PCT/CN2021/084022.
- X was filed on May 18, 2020 as CN 202010418649.0

WHEREAS, Reexen Technology Co., Ltd., 310, Building 1, Shenzhen New Generation Industrial Park, No. 136 Zhongkang Road, Meidu Community, Meilin Street, Futian District, Shenzhen, Guangdong, 518049, China, as assignee, has received and secured or hereby receives and secures the entire right, title and interest in and to the Invention and the Patent Application in all countries throughout the world, in and to any Letters Patent or similar rights for the Invention to be issued upon the Patent Application throughout the world, any application for Letters Patent or similar rights for the Invention claiming priority to the Patent Application in all countries throughout the world, and any Letters Patent or similar rights to be issued claiming priority to the Patent Application in all countries throughout the world;

NOW, THEREFORE, be it known that for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, acknowledge and confirm that we have sold, assigned, transferred, conveyed, and set over, and/or do hereby sell, assign, transfer, convey, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to the Invention and the Patent Application now existing and in the future, and all divisions, continuations, continuations-in-part, and national-stage applications thereof, any and all applications claiming priority to the Patent Application, and all Letters Patent or similar rights which may be granted thereon, and all reissues and re-examinations of any of the foregoing, and all rights to claim priority on the basis of any of the foregoing applications, and all applications for Letters Patent or similar rights which may hereafter be filed for the Invention in any country and all Letters Patent or similar rights which may be granted on the

Invention in any country, and all extensions, renewals, reissues, and re-examinations thereof, any and all causes of action, claims, and demands and other rights for, or arising from, any infringement, breaches, or misappropriation, including past infringements, breaches, and misappropriations of any of the foregoing throughout the world, the right to take actions to assert any and all causes of action related to any of the foregoing throughout the world, including those accrued in assignors' favor for infringement, breach, and misappropriation, and the right to sue and recover and have past, present, and future damages and profits for infringement, breach, and misappropriation, in all countries, territories and possessions throughout the world in accordance with the laws thereof, to the full extent of such rights, and we hereby authorize and request the Commissioner for Patents of the United States and any official of any other country whose duty it is to issue patents on applications as described above, to issue all Letters Patent or similar rights for the Invention or the Patent Application to assignee, its successors and assigns, in accordance with the terms of this Assignment, and we hereby authorize the assignee, its successors and assigns, and the attorney(s) of record in applications as described above to modify this Assignment, subsequent to its execution, to more specifically identify the applications as described above.

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed, and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting the Invention, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title of the Invention in said assignee, its successors and assigns, execute all divisional, continuation, reissue applications, re-examination applications, and any applications claiming priority to the Patent Application, and make all rightful oaths and generally aid assignee, its successors and assigns, to obtain and enforce proper patent and any other protection for the Invention in the United States and any other country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN WITNESS WHEREOF, the Assignors have executed this document on the date indicated below:

Minhao Yang
Minhao Yang

03/03 2022
Date



Hongjie Liu

03/14/2022

Date

CONFIRMATORY ASSIGNMENT OF WORLDWIDE RIGHTS

WHEREAS, we, Alonso Morgado, a citizen of Spain, residing in Villach, Austria; and Neil Webb, a citizen of the United Kingdom, residing in Kilchberg, Switzerland; as assignors, have made an invention entitled

"SUB-CELL, MAC ARRAY AND BIT-WIDTH RECONFIGURABLE MIXED-SIGNAL IN-MEMORY COMPUTING MODULE"

(the "Invention") as described in a patent application (the "Patent Application"), the specification of which:

- is attached hereto.
- was filed on _____ as U.S. Application Serial No. _____.
- X was filed on March 30, 2021 as PCT Application Serial No. PCT/CN2021/084022.
- X was filed on May 18, 2020 as CN 202010418649.0.

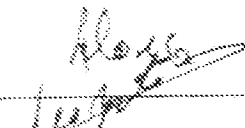
WHEREAS, Reexen Technology Co., Ltd., 310, Building 1, Shenzhen New Generation Industrial Park, No.136 Zhongkang Road, Meidu Community, Meilin Street, Futian District, Shenzhen, Guangdong, 518049, China, as assignee, has received and secured or hereby receives and secures the entire right, title and interest in and to the Invention and the Patent Application in all countries throughout the world, in and to any Letters Patent or similar rights for the Invention to be issued upon the Patent Application throughout the world, any application for Letters Patent or similar rights for the Invention claiming priority to the Patent Application in all countries throughout the world, and any Letters Patent or similar rights to be issued claiming priority to the Patent Application in all countries throughout the world;

NOW, THEREFORE, be it known that for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, acknowledge and confirm that we have sold, assigned, transferred, conveyed, and set over, and/or do hereby sell, assign, transfer, convey, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to the Invention and the Patent Application now existing and in the future, and all divisions, continuations, continuations-in-part, and national-stage applications thereof, any and all applications claiming priority to the Patent Application, and all Letters Patent or similar rights which may be granted thereon, and all reissues and re-examinations of any of the foregoing, and all rights to claim priority on the basis of any of the foregoing applications, and all applications for Letters Patent or similar rights which may hereafter be filed for the Invention in any country and all Letters Patent or similar rights which may be granted on the

Invention in any country, and all extensions, renewals, reissues, and re-examinations thereof, any and all causes of action, claims, and demands and other rights for, or arising from, any infringement, breaches, or misappropriation, including past infringements, breaches, and misappropriations of any of the foregoing throughout the world, the right to take actions to assert any and all causes of action related to any of the foregoing throughout the world, including those accrued in assignors' favor for infringement, breach, and misappropriation, and the right to sue and recover and have past, present, and future damages and profits for infringement, breach, and misappropriation, in all countries, territories and possessions throughout the world in accordance with the laws thereof, to the full extent of such rights, and we hereby authorize and request the Commissioner for Patents of the United States and any official of any other country whose duty it is to issue patents on applications as described above, to issue all Letters Patent or similar rights for the Invention or the Patent Application to assignee, its successors and assigns, in accordance with the terms of this Assignment, and we hereby authorize the assignee, its successors and assigns, and the attorney(s) of record in applications as described above to modify this Assignment, subsequent to its execution, to more specifically identify the applications as described above.

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed, and will not execute any agreement in conflict with this Assignment;

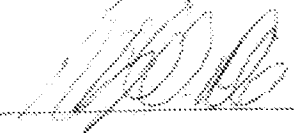
IN WITNESS WHEREOF, the Assignors have executed this document on the date indicated below:



Alonso Morgado

28/02/2022

Date



Neil Webb

24/02/2022

Date