

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JUNXIANG ZHAO	05/17/2021
RECEIVING PARTY DATA	
Name:	BEIJING NAURA MICROELECTRONICS EQUIPMENT CO., LTD.
Street Address:	NO.8 WENCHANG AVENUE
Internal Address:	BEIJING ECONOMIC-TECHNOLOGICAL DEVELOPMENT AREA
City:	BEIJING
State/Country:	CHINA
Postal Code:	100176
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17350900
CORRESPONDENCE DATA	
Fax Number:	(703)935-1394
<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>	
Phone:	7034305759
Email:	uspto@anovalaw.com
Correspondent Name:	ANOVA LAW GROUP, PLLC
Address Line 1:	21495 RIDGETOP CIRCLE, SUITE 300
Address Line 4:	STERLING, VIRGINIA 20166
ATTORNEY DOCKET NUMBER:	00191.0066.00US
NAME OF SUBMITTER:	KEXIN FU
SIGNATURE:	/KEXIN FU/
DATE SIGNED:	11/11/2021
Total Attachments: 2	
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ASSIGNMENT

WHEREAS I/We, the below named inventor(s) (hereinafter referred to as Assignor(s)) have made an invention entitled:

DEADLOCK DETERMINATION METHOD AND SEMICONDUCTOR APPARATUS

for which I/We executed an application for United States Letters Patent concurrently herewith, as a national stage in the United States of PCT Application No. PCT/CN2019/126274, or filed an application for United States Letters Patent on _____ (Application No. _____); and

WHEREAS, BEIJING NAURA MICROELECTRONICS EQUIPMENT CO., LTD., a limited company of P.R. China, whose post office address is No.8 Wenchang Avenue, Beijing Economic-Technological Development Area, Beijing 100176, P.R. China (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, provisional Application No. _____ filed _____ (if any), and this application, and all divisions, substitutions, continuations, and continuations-in-part thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

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

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, 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 to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys empowered in the Power of Attorney in this application, to insert here in parentheses (Application No. 17350900, filed November 11, 2021) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

Inventor:

Name: Junxiang ZHAO

Signature: 赵军香

Date: 2021.5.17