

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6389242

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                                 |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                                     |
| <b>CONVEYING PARTY DATA</b>   |  |
| <b>Name</b>   | <b>Execution Date</b>                          |
| NAN ZHANG   | 10/20/2020                                     |
| JING ZHOU   | 10/20/2020                                     |
| HAO WANG  | 10/20/2020                                     |
| ZHAN GAO  | 10/22/2020                                     |
| MAOQIAN ZHU   | 10/20/2020                                     |
| CHENG ZHOU  | 10/22/2020                                     |
| ZHIJIN LI   | 10/20/2020                                     |
| LIN WU  | 10/20/2020                                     |
| SHUMING GUO   | 10/20/2020                                     |
| YONG HUANG  | 10/20/2020                                     |
| <b>RECEIVING PARTY DATA</b>   |  |
| <b>Name:</b>  | CSMC TECHNOLOGIES FAB2 CO., LTD.               |
| <b>Street Address:</b>  | NO. 8 XINZHOU ROAD, WUXI NEW DISTRICT, JIANGSU |
| <b>City:</b>  | WUXI   |
| <b>State/Country:</b>   | CHINA  |
| <b>Postal Code:</b>   | 214028   |
| <b>PROPERTY NUMBERS Total: 1</b>  |  |
| <b>Property Type</b>  | <b>Number</b>                                  |
| Application Number:   | 17053550                                       |
| <b>CORRESPONDENCE DATA</b>  |  |
| <b>Fax Number:</b>  |  |
| <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>Email:</b>   | docketing@dority-manning.com                   |
| <b>Correspondent Name:</b>  | DORITY & MANNING, P.A.                         |
| <b>Address Line 1:</b>  | POST OFFICE BOX 1449                           |
| <b>Address Line 4:</b>  | GREENVILLE, SOUTH CAROLINA 29602-1449          |
| <b>ATTORNEY DOCKET NUMBER:</b>  | ACIP-100-PCT-US                                |
| <b>NAME OF SUBMITTER:</b>   | J. PARKS WORKMAN                               |

|   |                    |
|---|--------------------|
| <b>SIGNATURE:</b>   | /J. Parks Workman/ |
| <b>DATE SIGNED:</b>   | 11/06/2020         |
| <b>Total Attachments: 3</b><br>source=SP20718673US_Assignment#page1.tif<br>source=SP20718673US_Assignment#page2.tif<br>source=SP20718673US_Assignment#page3.tif |                    |

**CONFIRMATORY ASSIGNMENT OF WORLDWIDE RIGHTS**

WHEREAS, we, Nan Zhang, a citizen of China, residing in Wuxi, China; Jing Zhou, a citizen of China, residing in Wuxi, China; Hao Wang, a citizen of China, residing in Wuxi, China; Zhan Gao, a citizen of China, residing in Wuxi, China; Maoqian Zhu, a citizen of China, residing in Wuxi, China; Cheng Zhou, a citizen of China, residing in Wuxi, China; Zhijin Li, a citizen of China, residing in Wuxi, China; Lin Wu, a citizen of China, residing in Wuxi, China; Shuming Guo, a citizen of China, residing in Wuxi, China; and Yong Huang, a citizen of China, residing in Wuxi, China, as assignors, have made an invention entitled

**“POWER DEVICE AND RESISTANCE SIMULATION METHOD THEREFOR, AND POWER DEVICE SIMULATION TOOL”**

(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 August 15, 2019 as PCT Application Serial No. PCT/CN2019/100683
- X was filed on August 22, 2018 as CN2018109616188.8

WHEREAS, CSMC TECHNOLOGIES FAB2 CO., LTD., No. 8 Xinzhou Road Wuxi New District, Jiangsu 214028, 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;

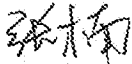
NOW, THEREFORE, be it known that for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, acknowledge and confirm that we have sold, assigned, transferred, conveyed, and set over, and/or do hereby sell, assign, transfer, convey, and set over unto 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.

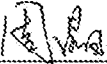
**AND, WE HEREBY** covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed, and will not execute any agreement in conflict with this Assignment;

**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.

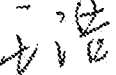
**IN WITNESS WHEREOF**, the Assignors have executed this document on the date indicated below:

  
\_\_\_\_\_  
Nan Zhang


2020.10.20  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Jing Zhou

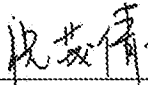
2020.10.20  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Hao Wang


2020.10.20  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Zhan Gao

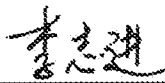
2020.10.20  
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Date

  
\_\_\_\_\_  
Maoqian Zhu

2020.10.20  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Cheng Zhou

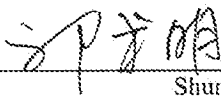
2020.10.20  
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Date

  
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Zhijin Li

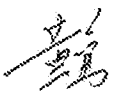
2020.10.20  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Lin Wu

2020.10.20  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Shuming Guo

2020.10.20  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Yong Huang

2020.10.20  
\_\_\_\_\_  
Date