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PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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XIAOGEN YIN	08/22/2023
CHEN LI	08/22/2023
ANYAN DU	08/22/2023
YONGKUI ZHANG	08/22/2023

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17891025

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DATE SIGNED:	08/23/2023

Total Attachments: 3

PATENT REEL: 064684 FRAME: 0777

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PATENT REEL: 064684 FRAME: 0778

ASSIGNMENT

WHEREAS, we, **Huilong ZHU**, having a mailing address of 93 Autumn Drive, Poughkeepsie, New York 12603, **Xiaogen YIN**, having a mailing address of No. 3 Beitucheng West Road, Chaoyang District, Beijing 100029 China, **Chen LI**, having a mailing address of No. 3 Beitucheng West Road, Chaoyang District, Beijing 100029 China, **Anyan DU**, having a mailing address of No. 3 Beitucheng West Road, Chaoyang District, Beijing 100029 China, and **Yongkui ZHANG**, having a mailing address of No. 3 Beitucheng West Road, Chaoyang District, Beijing 100029 China (hereinafter referred to as "ASSIGNORS"), respectively, are the joint inventors of an invention entitled "HIGH-PRECISION ETCHING METHOD" as described and claimed in U.S. Patent Application No. 17/891,025, filed August 18, 2022;

WHEREAS, The Institute Of Microelectronics, Chinese Academy Of Sciences (hereinafter referred to as "ASSIGNEE"), a corporation of China, having a mailing address of No. 3 Beitucheng West Road, Chaoyang District, Beijing 100029 China, is desirous of acquiring the entire right, title and interest in and to said invention, said application, and any and all letters patent that may be granted therefor in the United States and foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. Assignors agree to execute all instruments and documents required for the making and prosecution of applications for

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Inventors:		
Mailing addres		Date <u>08/22/2023</u> New York 12603 USA ************
Mailing addres	_	Date <u>08/22/2023</u> Chaoyang District, Beijing 100029 CHINA ***********************************
Mailing addres	-	Date <u>08/22/2023</u> Chaoyang District, Beijing 100029 CHINA ************************************
Signature: Full Name: Mailing addres	Anyan DU s: No. 3 Beitucheng West Road, Cl	Date <u>08/22/2023</u> haoyang District, Beijing 100029 CHINA

United States and foreign letters patent on said invention, for litigation regarding said letters patent,

Signature:	Yunghi ZHANG	Date 08/22/2023
_	Yongkui ZHANG	
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