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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date				
HUI WANG	09/09/2019				
XIAOFENG TAO	09/11/2019				
FUPING CHEN	09/09/2019				
SHENA JIA	09/09/2019				
XI WANG	09/09/2019				
XIAOYAN ZHANG	09/11/2019				
XUEJUN LI	09/09/2019				

RECEIVING PARTY DATA

Name:	ACM RESEARCH (SHANGHAI) INC.						
Street Address:	BUILDING 4, NO.1690, CAI LUN ROAD						
Internal Address:	ZHANGJIANG HIGH-TECH PARK, PUDONG DISTRICT						
City:	SHANGHAI						
State/Country:	CHINA						
Postal Code:	201203						

PROPERTY NUMBERS Total: 1

Property Type	Number				
Application Number:	16491802				

CORRESPONDENCE DATA

Fax Number:

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.

Email:	rosette@oshaliang.com
Correspondent Name:	JEFFREY S. BERGMAN
Address Line 1:	TWO HOUSTON CENTER
Address Line 2:	909 FANNIN STREET SUITE 3500
Address Line 4:	HOUSTON, TEXAS 77002

ATTORNEY DOCKET NUMBER:	17433-074001
NAME OF SUBMITTER:	VICTOR ROSETTE
SIGNATURE:	/JEFFREY S. BERGMAN/

DATE SIGNED:	09/20/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 3	
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DECLARATION AND ASSIGNMENT -- WORLDWIDE

Whereas, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") has/have invented:

The attached application to be filed as a United States application or PCT international application, or

United States application or PCT international application number <u>PCT/CN2017/075716</u> filed on <u>March 6, 2017</u>; and, entitled:

APPARATUS FOR CLEANING SEMICONDUCTOR SUBSTRATES

Regarding that application, each of the INVENTOR(S) declares the following:

The above-identified application was made or authorized to be made by me.

• I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

• I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the INVENTOR(S) hereby assign, transfer, and set over to:

ACM Research (Shanghai) Inc.

having the following address:

Building 4, No. 1690, Cai Lun Road, Zhangjiang High-Tech Park, Pudong District, Shanghai, P.R.China 201203

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest, worldwide, in and to the invention described in the patent application identified above (referred to herein as "INVENTION"), together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all Letters Patent (domestic and foreign) that may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

 To sign and execute any further documents that may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;

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Intellectual Property Law

- To execute all papers and documents and to perform all lawful acts that may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
- To perform all lawful affirmative acts that may be necessary to obtain the grant of valid and enforceable patents to COMPANY.

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or relasue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA LIANG LLP the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

*** ***	(2 07)	second a second s
Q, 9, 9, 9 Date	1 st Inventor Signature: Print or Type Name:	WANG, Hui
2-019.9.11 Date	2 ^{ad} Inventor Signature: Print or Type Name:	<u>TAO Xiaofleng</u> TAO, Xizofeng
	3 rd Inventor Signature: Print or Type Name:	CHBN Fuplag CHEN, Fuping
	4 th Inventor Signature: Print or Type Name:	JIA SHENA JIA, Shena
2019.99 Date	5 th Inventor Signature: Print or Type Name:	WAMG XI WANG, XI
2019.9.1) Date		ZHANG · Xi asfam ZHANG, Xiaoyan
2019.9.9 Date	7 th Inventor Signature Print or Type Name:	Anefart' 11, Xacjun

This Assignment may be signed before either: (a) a Notary Public for one of the States of the United States, or (b) two witnesses who sign below:

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State of County of

Before me personally appeared:

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RECORDED: 09/23/2019