

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: PAT162268

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
ADVANCED MICRO INSTRUMENTS, INC.	12/17/2021
RECEIVING PARTY DATA	
Company Name:	BANK OF AMERICA, N.A., as Administrative Agent
Street Address:	2380 Performance Drive, Building C
Internal Address:	Mail Code: TX2-984-03-26
City:	Richardson
State/Country:	TEXAS
Postal Code:	75082
PROPERTY NUMBERS Total: 4	
Property Type	Number
Patent Number:	11898946
Patent Number:	10739255
Patent Number:	10508976
Patent Number:	7316768
CORRESPONDENCE DATA	
Fax Number:	7043311159
<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:	(704)331-1000
Email:	pto_tmconfirmation@mvalaw.com,maryelizabethzaldivar@mvalaw.com
Correspondent Name:	John Slaughter
Address Line 1:	Moore & Van Allen PLLC
Address Line 2:	100 North Tryon Street, Suite 4700
Address Line 4:	Charlotte, NORTH CAROLINA 28202-4003
ATTORNEY DOCKET NUMBER:	017625.004781
NAME OF SUBMITTER:	Mary Zaldivar
SIGNATURE:	Mary Zaldivar
DATE SIGNED:	02/29/2024
Total Attachments: 4	

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NOTICE
OF
GRANT OF SECURITY INTEREST
IN
PATENTS

United States Patent and Trademark Office

Ladies and Gentlemen:

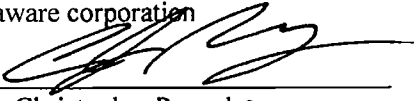
Please be advised that pursuant to the Third Amended and Restated Security and Pledge Agreement dated as of December 17, 2021 (as the same may be amended, modified, extended or restated from time to time, the "Agreement") by and among the Obligors party thereto (each an "Obligor" and collectively, the "Obligors") and Bank of America, N.A., as administrative agent (the "Administrative Agent") for the holders of the Secured Obligations referenced therein, the undersigned Obligor has granted a continuing security interest in and a right to set off against the patents and patent applications shown on Schedule 1 to the Administrative Agent for the ratable benefit of the holders of the Secured Obligations.

[signature pages follow]

The undersigned Obligor and the Administrative Agent, on behalf of the holders of the Secured Obligations, hereby acknowledge and agree that the security interest in the foregoing patents and patent applications (i) may only be terminated in accordance with the terms of the Agreement and (ii) is not to be construed as an assignment of any patent or patent application.

Very truly yours,

ADVANCED MICRO INSTRUMENTS, INC.,
a Delaware corporation

By: 
Name: Christopher Ravenberg
Title: Treasurer

Acknowledged and Accepted:

BANK OF AMERICA, N.A., as Administrative Agent

By: _____
Name: _____
Title: _____

The undersigned Obligor and the Administrative Agent, on behalf of the holders of the Secured Obligations, hereby acknowledge and agree that the security interest in the foregoing patents and patent applications (i) may only be terminated in accordance with the terms of the Agreement and (ii) is not to be construed as an assignment of any patent or patent application.

Very truly yours,

ADVANCED MICRO INSTRUMENTS, INC.,
a Delaware corporation

By: _____
Name: _____
Title: _____

Acknowledged and Accepted:

BANK OF AMERICA, N.A., as Administrative Agent

By: David J. Smith
Name: David J. Smith
Title: Vice President

Schedule 1

**Advanced Micro Instruments, Inc.
(Delaware Corporation)**

U.S. Patents

Issued Patents

Title	Patent No.	Issue Date
GAS SAMPLING DEVICE AND METHOD	11898946	02/13/2024
TRACE MOISTURE ANALYZER INSTRUMENT, GAS SAMPLING AND ANALYZING SYSTEM, AND METHOD OF DETECTING TRACE MOISTURE LEVELS IN A GAS	10739255	08/11/2020
GAS SAMPLING DEVICE AND METHOD	10508976	12/17/2019
GAS SENSOR AND METHOD OF MANUFACTURE	7316768	01/08/2008