506890173 09/27/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6936994

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WEI-CHIH HUNG	09/27/2021
PO-MIN WANG	09/27/2021

RECEIVING PARTY DATA

Name:	ADVANCED MICRO DEVICES, INC.
Street Address:	2485 AUGUSTINE DRIVE
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17485874

CORRESPONDENCE DATA

Fax Number: (512)472-9887

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.

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Email: hanna@klspatents.com

Correspondent Name: ADVANCED MICRO DEVICES, INC. C/O KLS

Address Line 1: 797 SAM BASS ROAD #2559
Address Line 4: ROUND ROCK, TEXAS 78681

ATTORNEY DOCKET NUMBER:	200494-US-ORG1
NAME OF SUBMITTER:	HANNA KIM
SIGNATURE:	/Hanna Kim/
DATE SIGNED:	09/27/2021

Total Attachments: 4

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PATENT 506890173 REEL: 057607 FRAME: 0327

ASSIGNMENT OF PATENT RIGHTS

This is an assignment of patent rights between inventor(s) Wei-Chih Hung, Po-Min Wang (hereinafter referred to as the "Inventor(s)") and Advanced Micro Devices, Inc., having a place of business at 2485 Augustine Drive, Santa Clara, California, USA (hereinafter referred to as the "Assignee").

WHER	EAS, I	nventor(s)	are n	named	as in	ventor	s in	the	paten	t ap	plication	filed	in t	he
United	States	of America	a on _						entitle	ed	COMP	ENSA	TIO	Ν-
FREE	PHAS	E DETEC	TION	FOR	РНА	SE D	ETE	CTI	ON A	UTC	FOCUS	DEV	ICE	S,
having	applica	ation no			***************************************	, , ,	an	d h	aving	а	docket	numb	er	of
200494-US-ORG1 (hereinafter referred to as the "Application"); and														

WHEREAS, Assignee has a desire to acquire all rights, title, and interest in the invention(s) disclosed in the Application (hereinafter referred to as the "Invention(s)"), including any rights, title, and interest in the Invention(s) not previously transferred to Assignee through prior agreement.

NOW, THEREFORE, the parties agree as follows:

- 1. To the extent that Inventor(s) are subject to a prior agreement transferring rights, title, and/or interest in the Invention(s) to the Assignee, Inventor(s) hereby confirm such transfer.
- 2. To the extent that Inventor(s) retain any rights, title, or interest in the Invention(s) not vested in the Assignee on the date(s) of execution of this Assignment, Inventor(s) hereby assign and otherwise transfer to the Assignee their entire right, title, and interest, throughout the world, in and to: the Invention(s), including any patent applications, patents, invention registrations, and equivalents thereof (including any and all provisional, international, regional, and national patents and patent applications, and all divisions, continuations, continuations-in-part, renewals, reissues, reexams, substitutes and extensions thereof), for the Invention(s) and all rights to claim priority thereto. Inventor(s) further assign and otherwise transfer to Assignee all causes of action and remedies arising under any patent or patent application for the Invention(s) prior to, on, or after the date(s) of execution of this Assignment. Inventor(s) shall not be entitled to an accounting for any causes of action or remedies pursued by Assignee.

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3. The transfers set forth in Paragraphs 1 and 2 above are in consideration for the

sum of at least one U.S. dollar (US\$1) (or its equivalent) and/or other consideration for

which both parties acknowledge to be valuable. Such consideration includes but is not

limited to at least one of the following: employment, an independent contractor

agreement, monetary payment, or other benefit hereby acknowledged as received.

4. Inventor(s) hereby authorize and request the Commissioner of Patents and

Trademarks, or equivalent thereof, to issue the patent for the Invention, and all resulting

patents therefrom, insofar as the Inventor(s)' interest is concerned, to the Assignee.

5. Inventor(s) further agree to execute any and all powers of attorney, applications,

assignments, declarations, affidavits, and any other papers in connection therewith

necessary to perfect Assignee's rights, title, and interest in the Invention(s).

6. Inventor(s) hereby authorize Assignee, its successors and assigns, its legal

representatives, or anyone the Assignee may properly designate, to insert in this

Assignment of Patent Rights the filing date and/or application number of the Application

when ascertained.

7. Inventor(s) hereby further agree to, with respect to any patent application or

patent for the Invention(s), at the expense of the Assignee:

i) testify in any legal proceedings,

ii) sign all lawful papers,

iii) execute all divisional, continuation, continuation-in-part, reissue, reexamination,

and substitute applications,

iv) make all lawful oaths, and assist in vesting title in the Assignee and to aid the

Assignee to obtain and enforce proper protection for the subject matter of the

Invention(s) in all countries and regions, and

v) notify Assignee promptly (by facsimile or first class mail) of any subpoena or

contact by any person other than Assignee or its agents regarding the Invention or

resultant patent(s) issuing therefrom, and in any event at least one week prior to any deposition, legal inquiry or legal proceeding relating to the above identified invention.

This assignment is executed on the date(s) of which the Inventor(s) have signed.

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Inventor:		
Wei-Chih Hung WEI-CHIH HUNG	(Signature) (Print Name)	2021_9(Date)
Witness # 1: Tu-Huai Cheu Tu-Huai Cheu Witness # 2:	(Signature) (Print Name)	<u> </u>
	(Signature) (Print Name)	(Date)

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Po-Min	WAN Y (Signature)	2021/9/2	7 Date)
PO-MIN WANG	(Print Name)	Overen	

Witness # 1:

Yu -	-Huai,	Chen	(Signature)	2021.9	_> <u>}</u> (Date)
Yu -	Huai.	Chen	(Print Name)		lo:

Witness # 2:

 (Signature)	 (Date
(Print Name)	

PATENT REEL: 057607 FRAME: 0331

RECORDED: 09/27/2021