507002391 12/01/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BO-RONG LIN	11/26/2021
MING-LIANG WEI	11/26/2021
HSIANG-PANG LI	11/26/2021
NAI-JIA DONG	11/24/2021
HSIANG-YUN CHENG	11/24/2021
CHIA-LIN YANG	11/24/2021

RECEIVING PARTY DATA

Name:	MACRONIX INTERNATIONAL CO., LTD.
Street Address:	NO.16, LI-HSIN RD., SCIENCE-BASED INDUSTRIAL PARK
City:	HSINCHU
State/Country:	TAIWAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17539257

CORRESPONDENCE DATA

Fax Number: (404)521-4286

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Address Line 4: ATLANTA, GEORGIA 30339

ATTORNEY DOCKET NUMBER:	251310-6410
NAME OF SUBMITTER:	DANIEL R. MCCLURE
SIGNATURE:	/Daniel R. McClure/
DATE SIGNED:	12/01/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT 507002391 REEL: 058251 FRAME: 0827

Total Attachments: 3 source=00929435#page1.tif source=00929435#page2.tif source=00929435#page3.tif

PATENT REEL: 058251 FRAME: 0828

	Attorney Reference:
ASSIGNN	IENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT
WHEREAS	Bo-Rong LIN, Ming-Liang WEI, Hsiang-Pang LI, Nai-Jia DONG, Hsiang-Yun CHENG and
	Chia-Lin YANG
, hereinafter	referred to collectively as the assignor and inventor, has invented a certain improvement relating to
MEMORY SY	STEM FOR MAINTAINING DATA CONSISTENCY AND OPERATION METHOD THEREOF
[X] said appli	cation being attached hereto;
	cation having been filed in the United States Patent and Trademark Office on as Application Serial No and was amende
on	(if applicable); ication of which was filed under the Patent Cooperation Treaty on
[] the specif	ication of which was filed under the Patent Cooperation Treaty on
Serial No	, the United States of America being designated.

AND WHEREAS <u>MACRONIX INTERNATIONAL CO., LTD.</u>, hereinafter referred to as the assignee or applicant, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for good and valuable consideration paid by said assignee to said assigner, the receipt of which is hereby acknowledged, said assigner hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

As an above-named inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and that I am the original inventor or an original joint inventor of a claimed invention in the application.

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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.

McClure, Qualey & Rodack, LLP. 旺宏編號 P1100178US || 三遠編號 US15662PA

ASSIGNOR (SOLE OR FIRST INVENTOR):
Signature: <u>Bo-Rovs-LIN</u>
Legal Name: Bo-Rong LIN
Date: >0>1.11.76
ASSIGNOR (SECOND INVENTOR):
Signature: Ming - Liang WEI
Legal Name: Ming-Liang WEI
Date: 2021, 11, 26
ASSIGNOR (THIRD INVENTOR):
Signature: Harry Ging Li
Legal Name: <u>Hsiang-Pang LI</u>
Date: 2021,11, 26
ASSIGNOR (FOURTH INVENTOR):
ASSIGNOR (FOURTH INVENTOR): Signature: Legal Name: Nai-Jia DONG
Signature:Legal Name: <u>Nai-Jia DONG</u>
Signature:
Signature:Legal Name: <u>Nai-Jia DONG</u>
Signature: Legal Name: Nai-Jia DONG Date:
Signature: Legal Name: Nai-Jia DONG Date: ASSIGNOR (FIFTH INVENTOR):
Signature: Legal Name: Nai-Jia DONG Date: ASSIGNOR (FIFTH INVENTOR): Signature:
Signature: Legal Name: Nai-Jia DONG Date: ASSIGNOR (FIFTH INVENTOR): Signature: Legal Name: Hsiang-Yun CHENG
Signature: Legal Name: Nai-Jia DONG Date: ASSIGNOR (FIFTH INVENTOR): Signature: Legal Name: Hsiang-Yun CHENG
Signature: Legal Name: Nai-Jia DONG Date: ASSIGNOR (FIFTH INVENTOR): Signature: Legal Name: Hsiang-Yun CHENG Date:
Signature: Legal Name: Nai-Jia DONG Date: ASSIGNOR (FIFTH INVENTOR): Signature: Legal Name: Hsiang-Yun CHENG Date: ASSIGNOR (SIXTH INVENTOR):

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ASSIGNOR (SOLE OR FIRST INVENTOR):
Signature:
Legal Name: <u>Bo-Rong LIN</u>
Date:
ASSIGNOR (SECOND INVENTOR):
Signature:
Legal Name: Ming-Liang WEI
Date:
ASSIGNOR (THIRD INVENTOR):
Signature:
Legal Name: Hsiang-Pang LI
Date:
ASSIGNOR (FOURTH INVENTOR):
Signature: Na: Jia Dog.
Legal Name: Nai-Jia DONĞ
Date: 11/24 >0>
ASSIGNOR (FIFTH INVENTOR);
ASSIGNOR (FIFTH INVENTOR): Signature: Juing- Yun Chary Legal Name: Halang-Yun CHENG
Signature: / Luiang- Yun Chang
Signature: Juiang- Yum Charg Legal Name: Hsiang-Yun CHENG
Signature: / Juiang- Yum Chary Legal Name: Hsiang-Yun CHENG Date: ///24/22/
Signature: / Juiang- Yum Chary Legal Name: Hsiang-Yun CHENG Date: ///24/22/
Signature: / Juing- Yun Chary Legal Name: Haiang-Yun CHENG Date: 11/24/27

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RECORDED: 12/01/2021

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