PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YU-MING HUANG	12/24/2017
CHIH-HUAI SHIH	12/21/2017
HSIANG-PANG LI	12/21/2017
HSI-CHIA CHANG	12/21/2017

RECEIVING PARTY DATA

Name:	MACRONIX INTERNATIONAL CO., LTD.
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State/Country:	TAIWAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15890500

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	251310-4960
NAME OF SUBMITTER:	DANIEL R. MCCLURE
SIGNATURE:	/Daniel R. McClure/
DATE SIGNED:	02/07/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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> **PATENT** REEL: 044852 FRAME: 0523

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PATENT REEL: 044852 FRAME: 0524

Attorney Heference:
ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT
WHEREAS Yu-Ming HUANG, Chih-Huai SHIH, Hsiang-Pang Ll and Hsi-Chia CHANG , hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to
POLAR CODE GENERATING METHOD, AND ELECTRONIC DEVICE AND NON-TRANSITORY COMPUTER-
READABLE STORAGE MEDIUM THEREFOR
[X] said application being attached hereto;
[] said application having been filed in the United States Patent and Trademark Office on, as Application Serial No, and was amended on(if applicable); [] the specification 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

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.

as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this

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 P1060180 [| 三達編號 US13313PA

assignment had not been made.

PATENT REEL: 044852 FRAME: 0525

ASSIGNOR (SOLE OR FIRST INVENTOR):
Signature: Yn-Ming Hung
Legal Name: Yu-Ming HUANG
Date: 2017/12/24
ASSIGNOR (SECOND INVENTOR):
Signature:
Legal Name: Chih-Huai SHIH
Date:
ASSIGNOR (THIRD INVENTOR):
Signature:
Legal Name: <u>Hsiang-Pang LI</u>
Date:
ASSIGNOR (FOURTH INVENTOR):
Signature:
Legal Name: Hsi-Chia CHANG
Date:

ASSIGNOR (SOLE OR PIRST INVERTOR):
Signature:
Legal Name: Yu-Mino HUANG
Date:
ASSIGNOR (SECOND INVENTOR):
Signature: Chih-Huai Shih
Legal Name: Chih-Huai SHIH
Date: <u>Doc 21, 2017</u>
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ASSIGNOR (THIRD INVENTOR):
ASSIGNOR (THIRD INVENTOR): Signature: Hang-Pang Li
Legal Name: Hsiang-Pang LI
Date: 7017.12.21.
ASSIGNOR (FOURTH INVENTOR):
Signature: (4) (laulcy)
Legal Name: Hsi-Chia CHANG
Pata: Der 71 24/7

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