PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
SHANG-CHI YANG	04/05/2017	
CHUN-YU LIAO	04/05/2017	

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:	15654752	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	251310-4630
NAME OF SUBMITTER:	DANIEL R. MCCLURE
SIGNATURE:	/Daniel R. McClure/
DATE SIGNED:	07/20/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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PATENT 504465052 REEL: 043050 FRAME: 0110

Attorney	Reference:	

ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Shang-Chi YANG and Chun-Yu LIAO , hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to ROW DECODER AND MEMORY SYSTEM USING THE SAME

[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 assignor, the receipt of which is hereby acknowledged, said assignor 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.

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.

ASSIGNOR	(SOLE	OR	FIRST	INVEN	TOR)
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Signature: Skews (to Year)

Legal Name: Shang-Chi YANG

Date: 100 17.04.05

ASSIGNOR (SECOND INVENTOR):

Signature: Chwn-Yu LIAO
Legal Name: Chun-Yu LIAO
Date: 2017, 04, 05