

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5854333

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	YI-TSUNG TSAI	09/25/2019
	CHIA-WEI WU	09/25/2019
	CHIH-HAO LIN	09/25/2019
	CHIEN-CHIH LIN	09/25/2019
<b>RECEIVING PARTY DATA</b>		
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<b>City:</b>	TAICHUNG CITY,	
<b>State/Country:</b>	TAIWAN	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	16692186
<b>CORRESPONDENCE DATA</b>		
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<b>SIGNATURE:</b>	/Joe McKinney Muncy/	
<b>DATE SIGNED:</b>	12/06/2019	
<b>Total Attachments: 2</b>		
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source=2019-12-06-Assign as filed#page2.tif		

## ASSIGNMENT

WHEREAS, Yi-Tsung TSAI, Chia-Wei WU, Chih-Hao LIN and Chien-Chih LI hereafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: MEMORY DEVICES AND METHODS FOR FORMING THE SAME

Filed: November 22, 2019

Serial No. 16/692,186

Executed on: \_\_\_\_\_

WHEREAS, Winbond Electronics Corp. of No. 8 Keya 1st Rd., Daya District, Central Taiwan Science Park, Taichung City, Taiwan, R.O.C. hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

Yi-Tsung Tsai  
Yi-Tsung TSAI

2019 / 9 / 25  
Date

Chia-Wei Wu  
Chia-Wei WU

2019 / 9 / 25  
Date

ASSIGNMENT

Chih-Hao LIN

Chih-Hao LIN

2019.9.25

Date

Chien-Chih LI

Chien-Chih LI

2019.9.25

Date