504525333 08/30/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KAI-CHIANG WU	08/18/2017
CHUNG-HAO TSAI	08/18/2017
CHUN-LIN LU	08/18/2017
YEN-PING WANG	08/18/2017
CHE-WEI HSU	08/21/2017

RECEIVING PARTY DATA

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State/Country:	TAIWAN	
Postal Code:	300-78	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15690300

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NAME OF SUBMITTER:	BELINDA LEE
SIGNATURE:	/Belinda Lee/
DATE SIGNED:	08/30/2017

Total Attachments: 3

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PATENT REEL: 043441 FRAME: 0320

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> PATENT REEL: 043441 FRAME: 0321

DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION

☑ Declaration Submitted With Initial Filing	
OR	
☐ Declaration Submitted After Initial Filing	(surcharge 37 CFR 1.16(f) required)
(Title of the Inv	rention)
INTEGRATED FAN-O	UT PACKAGE
As a below named inventor (hereinafter designa	ted as the undersigned), I hereby declare
that:	
-	
This declaration is directed to:	
OR	
☐ United States Application Number or PC	T International application number
Filed on	
The above-identified application was made or auth	norized to be made by me.
I believe I am the original inventor or an original	joint inventor of a claimed invention in the
application.	
The undersigned hereby acknowledge that a	ny 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.	

DECLARATION AND ASSIGNMENT

FOR UTILITY OR DESIGN PATENT APPLICATION

WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.

WHEREAS 1. Taiwan Semiconductor Manufacturing Co., Ltd.

of No.8, Li-Hsin Rd. 6, Hsinchu Science Park, Hsinchu, Taiwan 300-78, R.O.C.

hereinafter referred to as ASSIGNEE, is desirous of acquiring the undersigned'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 the undersigned, the undersigned 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 rights, title and interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said the undersigned 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.

The undersigned 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.

DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION

Signature: Kar-Chrang Wu Date: 2017 & if
Legal Name of Sole or First Inventor: Kai-Chiang Wu
Residence: Hsinchu City, Taiwan
Mailing Address: c/o No.8, Li-Hsin Rd. 6, Hsinchu Science Park, Hsinchu, Taiwan 300-78, R.O.C.
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Signature:
Mailing Address: c/o No.8, Li-Hsin Rd. 6, Hsinchu Science Park, Hsinchu, Taiwan 300-78, R.O.C.
Signature: Che - Wei - Hsu Date: 2017 / 8/2 /. Legal Name of Additional Joint Inventor, if any: Che-Wei Hsu
Residence: Kaohsiung City, Taiwan

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