504690334 12/15/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4737056

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHUN HO FAN	12/15/2017
TENG HOCK KUAH	12/14/2017

RECEIVING PARTY DATA

Name:	ASM TECHNOLOGY SINGAPORE PTE LTD	
Street Address:	2 YISHUN AVENUE 7	
City:	SINGAPORE	
State/Country:	SINGAPORE	
Postal Code:	768924	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15815986

CORRESPONDENCE DATA

Fax Number: (212)382-0888

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (212) 382-0700

Email: ckupferberg@ostrolenk.com
Correspondent Name: OSTROLENK FABER LLP

Address Line 1: 1180 AVENUE OF THE AMERICAS Address Line 4: NEW YORK, NEW YORK 10036

ATTORNEY DOCKET NUMBER:	P/4076-418
NAME OF SUBMITTER:	ROBERT C. FABER
SIGNATURE:	/Robert C. Faber/
DATE SIGNED:	12/15/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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PATENT 504690334 REEL: 044407 FRAME: 0492

	Attorney Docket Number	P/4076-418		
DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) AND	First Named Inventor	Chun Ho FAN		
	COMPLETE IF KNOWN			
ASSIGNMENT	Application Number	15/815,986		
	Filing Date	November 17, 2017		
METHOD FOR MANUFACTURING WAI	FER-LEVEL SEMIC	CONDUCTOR PACKAGES		
(Title of As a below named inventor, I hereby declare that: This declaration is directed to:	the Invention)			
☐ The attached application, OR				
✓ United States application number or PCT International application number 15/815,986 filed on November 17, 2017 .				
The above-identified application was made or authorized to be made by me. I believe 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.				
WHEREAS, ASM TECHNOLOGY SINGAPORE PTE	LTD,			
having a place of business at <u>2 Yishun Avenue 7</u> , <u>Singapore</u> interest in and to said invention and any Patent that may be granted therefor.	e 768924 , as assignee, is d	esirous of acquiring all right, title and		
NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I (we), as inventor(s) and as assignor(s), hereby sell, assign and set over to said assignee the entire right, title and interest for the United States in and to said aforesaid application for Patent and all my (our) invention(s) disclosed and claimed in said aforesaid application, all original, divisional, continuation, substitute, reissue or reexamination applications and patents applied for or granted therefor in the United States and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said invention(s) or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself (ourselves) and my (our) legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said invention(s) and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said invention(s), whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention(s) in the United States, the expenses incident to said applications to be borne and paid by said assignee.				
LEGAL NAME OF SOLE OR FIRST INVENTOR Chun Ho FAN	INVENTOR'S SIGNATURE	1 5 DEC 2017		
RESIDENCE: CITY Hong Kong		Hong Kong, China SAR		
MAILING ADDRESS 33B, Block 7, Phase 3 Belvedere Garden, Tsuen Wan,	N.T., Hong Kong, Chin	na SAR		

☑ CONTINUED ON PAGE 2

{01706064.1}DECL-ASSIGN

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) AND ASSIGNMENT

Attorney Docket Number P/4076-418

WARNING:

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioner/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application like. and therefore are not publicly available. Petitioner/applicant is advised that documents which form the record of a patent application (such as the PTO/SB/01) are placed into the Privacy Act system of records DEPARTMENT OF COMMERCE, COMMERCE-PAT-7. System name: Patent Application Files. Documents not retained in an application file (such as the PTO-2038) are placed into the Privacy Act system of COMMERCE-PAT - TM-1 0, System name: Deposit Accounts and Electronic Funds Transfer Profiles.

LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:		INVENTO	R'S SIGNACURE		DATE
Teng Hock KUAH		-	THO		14DER 2017
RESIDENCE: CITY	STATE		~	COUNTRY	······································
Singapore				Singapore	
MAILING ADDRESS		·····		I	· · · · · · · · · · · · · · · · · · ·
Block 6 Bishan St. 25, #27-13, Singapo	ore 573975				
LEGAL NAME OF ADDITIONAL JOINT INVENTOR, I	F ANY:	INVENTO	R'S SIGNATURE		DATE
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RESIDENCE: CITY	STATE			COUNTRY	
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LEGAL NAME OF ADDITIONAL JOINT INVENTOR, I	F ANY:	INVENTO	R'S SIGNATURE		DATE
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WAILING ADDRESS					
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RESIDENCE: CITY	STATE)		COUNTRY	<u> </u>
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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) AND ASSIGNMENT	Attorney Docket Number	P/4076-418		
	First Named Inventor	Chun Ho FAN		
	COMPLETE IF KNOWN			
	Application Number	15/815,986		
	Filing Date	November 17, 2017		
METHOD FOR MANUFACTURING WA	FER-LEVEL SEMICO	NDUCTOR PACKAGES		

1 5 DEC 2017	Applion		
amiliotic co		Jupiter KONG, General Counsel	
		on behalf of ASM Technology Singapore Pte Ltd	

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RECORDED: 12/15/2017

PATENT REEL: 044407 FRAME: 0495