503691617 02/12/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
ATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY	DATA			
		Name	Execution Date	
BOK ENG CHEAH			01/22/2016	
SHANGGAR PERIAMAN			01/25/2016	
KOOI CHI OOI			01/25/2016	
JACKSON CHUNG PENG KONG			01/22/2016	
RECEIVING PARTY D	ΑΤΑ			
Name:	INTEL C	EL CORPORATION		
Street Address:	2200 MI	MISSION COLLEGE BOULEVARD		
City:	SANTA	CLARA		
State/Country:	CALIFO	RNIA		
Postal Code:	95054	4		
Property Type		Number	_	
Application Number:		4852013		
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CORRESPONDENCE	DATA			
CORRESPONDENCE Fax Number:	DATA	503)439-6073		
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ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

Bok Eng CHEAH; Shanggar PERIAMAN; Kooi Chi OOI; Jackson Chung Peng KONG

hereby sell, assign, and transfer to

Intel Corporation

a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California, 95054 USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

MULTI-DIE SEMICONDUCTOR STRUCTURE WITH INTERMEDIATE VERTICAL SIDE CHIP AND SEMICONDUCTOR PACKAGE FOR SAME

(I hereby authorize and request my attorney, associated with customer number 45209, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on <u>September 11, 2015</u> as

PCT Application Number ______14/852,013 and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all Additional Applications, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and improvements, in said Assignee, its successors, assigns, and legal representatives; and

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covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

	Bet By Chink .
Date	Name: Bok Eng CHEAH
22 ⁴⁴ 3743 2016 Date 25 Jan 2016	Name: Shánggar PERIAMAN
22 Jan. 2016	Name: Kooi Chi OOI
Date	Name: Jackson Chung Peng KONG
Date	Name:

42P36815C

PATENT REEL: 037729 FRAME: 0342

RECORDED: 02/12/2016