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SUBMISSION TYPE:		NEW ASSIGNMEN	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PART				
CONVETING FART	DATA			
		Name	Execution Date	
Reza A. Pagaila			03/11/2009	
Byung Tai Do			03/05/2009	
Shuangwu Huang			03/05/2009	
RECEIVING PARTY	′ DATA			
Name:	STATS ChipPAC, Ltd.			
Street Address:	10 Ang Mo K	10 Ang Mo Kio Street 65		
Internal Address:	#05-17/20 Te	#05-17/20 Techpoint		
City:	Singapore	Singapore		
State/Country:	SINGAPORE	SINGAPORE		
Postal Code:	569059			
PROPERTY NUMBERS Total: 1 Property Type			Number	12406038
		12406038	406038	
CORRESPONDENC				
Fax Number:	(602)74 // bo cont via //S			
Phone:	602-748	<i>Mail when the fax attempt is</i> -4408	5 นกรนชบบบริวิธิมนา.	
Email: main@patentgroupaz.com				
Correspondent Name: Robert D. Atkins				
Address Line 1: 605 W. Knox Road				
Address Line 2:Suite 104Address Line 4:Tempe, ARIZONA 85284				
ATTORNEY DOCKET NUMBER:		2515.0157	2515.0157	
NAME OF SUBMITTER:		Robert D. Atkins	Robert D. Atkins	
Total Attachments: 3	3			
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REEL: 022413 FRAME: 0031

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PATENT REEL: 022413 FRAME: 0032

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ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, REZA A. PAGAILA of Singapore, have sold, assigned, and transferred, and do hereby sell, assign, and transfer unto STATS ChipPAC, Ltd. (STATS ChipPAC), a company formed under the laws of the country of Singapore, having its principal office at 10 Ang Mo Kio Street 65, #05-17/20 Techpoint, Singapore 569059, and its successors, assigns, and legal representatives, the entire right, title, and interest in and to certain invention(s) entitled <u>SEMICONDUCTOR DIE AND METHOD OF FORMING THROUGH ORGANIC VIAS HAVING</u> <u>VARYING WIDTH IN PERIPHERAL REGION OF THE DIE</u>, which is described, illustrated, and claimed in any patent application under Attorney Docket No. <u>2515.0157</u>, together with the entire right, title and interest in and to the application, and in and to any continuation, division, reissue, reexamination, extension, renewal, or substitute thereof, and in and to any patent which may issue upon such application(s).

I hereby sell, assign, and transfer unto STATS ChipPAC, the entire right, title, and interest in and to application(s) for patent filed in all countries foreign to the United States, and in and to application(s) for patent filed under any and all international conventions and treaties, and in and to any patent issuing therefrom, which describe, illustrate, and claim the above-identified invention(s). I hereby also sell, assign, and transfer unto STATS ChipPAC, the entire right, title, and interest in and to all rights under any and all international conventions and treaties in respect of the above-identified invention(s). I authorize STATS ChipPAC to apply for patent in foreign countries directly in its own name, and to claim the priority of the filing date under the provisions of any and all domestic laws and international conventions and treaties.

I hereby authorize and request the government authority in the United States to issue patent(s) upon the aforesaid application, continuation, division, reissue, reexamination, extension, renewal, or substitute, to STATS ChipPAC, for the sole use and behalf of STATS ChipPAC, its successors, assigns, and legal representatives, to the full end of the term for which the patent(s) may be granted, the same as they would have been held and enjoyed by me had this assignment not been made. I authorize and request the equivalent authorities in countries foreign to the United States to issue the patents of their respective countries to and in the name of STATS ChipPAC in the same manner.

I agree that, when requested, I will, without charge to STATS ChipPAC, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient for securing and maintaining patents for the invention(s) in any and all countries and for vesting title thereto in STATS ChipPAC, its successors, assigns, and legal representatives or nominees.

I covenant with STATS ChipPAC, its successors, assigns, and legal representatives that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance.

Signature for REZA A. PAGAILA

Witnessed on this date:

11 mar 2009

Signature of Witness: Printed Name of Witness: Address of Witness:

Plu		
CHUA PEI EE		
STATS ChipPAC	Ltd	
5 Yishun st	23	
5(768442)		;

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, BYUNG TAI DO of Singapore, have sold, assigned, and transferred, and do hereby sell, assign, and transfer unto STATS ChipPAC, Ltd. (STATS ChipPAC), a company formed under the laws of the country of Singapore, having its principal office at 10 Ang Mo Kio Street 65, #05-17/20 Techpoint, Singapore 569059, and its successors, assigns, and legal representatives, the entire right, title, and interest in and to certain invention(s) entitled <u>SEMICONDUCTOR DIE AND METHOD OF FORMING THROUGH ORGANIC VIAS HAVING</u> <u>VARYING WIDTH IN PERIPHERAL REGION OF THE DIE</u>, which is described, illustrated, and claimed in any patent application under Attorney Docket No. <u>2515.0157</u>, together with the entire right, title and interest in and to the application, and in and to any continuation, division, reissue, reexamination, extension, renewal, or substitute thereof, and in any patent which may issue upon such application(s).

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Fm

Signature for BYUNG TAI DO

Witnessed on this date:	05 mar 2009	
Signature of Witness: Printed Name of Witness:	CHUA PEI EE STATO ChipPAC Ltd.	
Address of Witness:	5 yishun et 23 5 (768 442)	

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, SHUANGWU HUANG of Singapore, have sold, assigned, and transferred, and do hereby sell, assign, and transfer unto STATS ChipPAC, Ltd. (STATS ChipPAC), a company formed under the laws of the country of Singapore, having its principal office at 10 Ang Mo Kio Street 65, #05-17/20 Techpoint, Singapore 569059, and its successors, assigns, and legal representatives, the entire right, title, and interest in and to certain invention(s) entitled SEMICONDUCTOR DIE AND METHOD OF FORMING THROUGH ORGANIC VIAS HAVING VARYING WIDTH IN PERIPHERAL REGION OF THE DIE, which is described, illustrated, and claimed in any patent application under Attorney Docket No. 2515.0157, together with the entire right, title and interest in and to the application, and in and to any continuation, division, reissue, reexamination, extension, renewal, or substitute thereof, and in and to any patent which may issue upon such application(s).

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Huangow

Signature for SHUANGWU HUANG

Witnessed on this date:	05 mor 2009	
Signature of Witness: Printed Name of Witness: Address of Witness:	CHUA REI EE STATS Chip Mc Ltd. 5 Yishun At 23 5 (710402)	
	5 Yishun et 23 S(768442)	

RECORDED: 03/18/2009

PATENT REEL: 022413 FRAME: 0035