

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Robert C. Frye</td><td>03/03/2009</td></tr><tr><td>Kai Liu</td><td>03/05/2009</td></tr></tbody></table>	Name	Execution Date	Robert C. Frye	03/03/2009	Kai Liu	03/05/2009	
Name	Execution Date						
Robert C. Frye	03/03/2009						
Kai Liu	03/05/2009						
RECEIVING PARTY DATA							
Name:	STATS ChipPAC, Ltd.						
Street Address:	10 Ang Mo Kio Street 65						
Internal Address:	#05-17/20 Techpoint						
City:	Singapore						
State/Country:	SINGAPORE						
Postal Code:	569059						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12403234</td></tr></tbody></table>	Property Type	Number	Application Number:	12403234			
Property Type	Number						
Application Number:	12403234						
CORRESPONDENCE DATA							
Fax Number:	(602)748-4414						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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Address Line 4:	Tempe, ARIZONA 85284						
ATTORNEY DOCKET NUMBER:	2515.0156						
NAME OF SUBMITTER:	Robert D. Atkins						
Total Attachments: 2 source=Assignments#page1.tif							

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PATENT
REEL: 022387 FRAME: 0484

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, KAI LIU of Phoenix, Arizona, 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 DEVICE AND METHOD OF INTEGRATED BALUN AND RF COUPLER ON A COMMON SUBSTRATE, which is described, illustrated, and claimed in any patent application under Attorney Docket No. 2515.0156, 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.

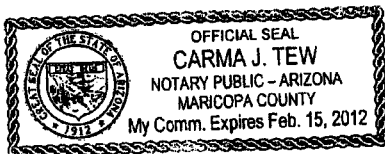
I covenant with STATS ChipPAC, its successors, assigns, and legal representatives that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.


Signature for KAI LIU

STATE OF ARIZONA
COUNTY OF MARICOPA

I, CARMA J. TEW, a Notary Public in and for the County and State aforesaid, do hereby certify that KAI LIU, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth

Given under my hand and notarial seal this 5th day of MARCH, 2009.




Signature of Notary

ASSIGNMENT AND AGREEMENT

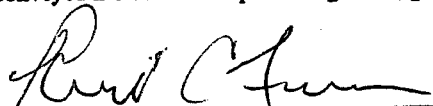
For good and valuable consideration, the receipt of which is hereby acknowledged, I, ROBERT C. FRYE of Piscataway, New Jersey, have sold, assigned, and transferred, and do hereby sell, assign, and transfer unto STATS ChipPAC, Ltd. (STATS ChipPAC), a company formed under the laws of the country of Singapore, 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 DEVICE AND METHOD OF INTEGRATING BALUN AND RF COUPLER ON A COMMON SUBSTRATE, which is described, illustrated, and claimed in any patent application under Attorney Docket No. 2515.0156, 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 ROBERT C. FRYE

STATE OF NEW JERSEY)
COUNTY OF Union)

I, Lee T. Bowman, a Notary Public in and for the County and State aforesaid, do hereby certify that ROBERT C. FRYE, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 3rd day of March, 2009.



Signature of Notary
Lee T. Bowman
Exp. 7/10/2009