## 502238184 02/21/2013

# PATENT ASSIGNMENT

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| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

### **CONVEYING PARTY DATA**

| Name               | Execution Date |
|--------------------|----------------|
| Seung Wook Yoon    | 02/21/2013     |
| Jose A. Caparas    | 02/21/2013     |
| Yaojian Lin        | 02/21/2013     |
| Pandi C. Marimuthu | 02/21/2013     |

### **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

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 13772683 |

## **CORRESPONDENCE DATA**

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| ATTORNEY DOCKET NUMBER: | 2515.0396        |
|-------------------------|------------------|
| NAME OF SUBMITTER:      | Robert D. Atkins |
|                         | DATENT           |

REEL: 029848 FRAME: 0981

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PATENT

Total Attachments: 4 source=ASSIGNMENTS#page1.tif source=ASSIGNMENTS#page2.tif source=ASSIGNMENTS#page3.tif source=ASSIGNMENTS#page4.tif

> PATENT REEL: 029848 FRAME: 0982

For good and valuable consideration, the receipt of which is hereby acknowledged, I, SEUNG WOOK YOON 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 DEVICE AND METHOD FOR FORMING A LOW PROFILE EMBEDDED WAFER LEVEL BALL GRID ARRAY MOLDED LASER PACKAGE (EWLB-MLP), which is described, illustrated, and claimed in any patent application under Attorney Docket No. 2515.0396 and in U.S. Provisional Application No. 61/606,327, filed March 2, 2012, together with the entire right, title and interest in and to the applications, 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 SEUNG WOOK YOON

Witnessed on this date:

Signature of Witness:

Printed Name of Witness:

Address of Witness:

1 FFB. 2013

105 colo MERILO

5 YISHUN STREET 23

SINGAPORE 768442

PATENT REEL: 029848 FRAME: 0983

For good and valuable consideration, the receipt of which is hereby acknowledged, I, JOSE A. CAPARAS 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 DEVICE AND METHOD FOR FORMING A LOW PROFILE EMBEDDED WAFER LEVEL BALL GRID ARRAY MOLDED LASER PACKAGE (EWLB-MLP), which is described, illustrated, and claimed in any patent application under Attorney Docket No. 2515.0396 and in U.S. Provisional Application No. 61/606,327, filed March 2, 2012, together with the entire right, title and interest in and to the applications, 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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Signature for OSEA. CAPARAS

Witnessed on this date:

Signature of Witness:

Printed Name of Witness:

Address of Witness:

21 NTEB 12013

INCCORD MERN

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S INGA PORE 768442

For good and valuable consideration, the receipt of which is hereby acknowledged, I, YAOJIAN LIN 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 DEVICE AND METHOD FOR FORMING A LOW PROFILE EMBEDDED WAFER LEVEL BALL GRID ARRAY MOLDED LASER PACKAGE (EWLB-MLP), which is described, illustrated, and claimed in any patent application under Attorney Docket No. 2515.0396 and in U.S. Provisional Application No. 61/606,327, filed March 2, 2012, together with the entire right, title and interest in and to the applications, 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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Signature for VAOHAN IIIN

Signature for YAOJIAN BIN

Witnessed on this date:

Signature of Witness:

Printed Name of Witness:

Address of Witness:

21 FEB 12013

DIOCCORD MERILA

5 YUHUN STREET 23

SINGA POPE 768442

For good and valuable consideration, the receipt of which is hereby acknowledged, I, PANDI C. MARIMUTHU 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 DEVICE AND METHOD FOR FORMING A LOW PROFILE EMBEDDED WAFER LEVEL BALL GRID ARRAY MOLDED LASER PACKAGE (EWLB-MLP), which is described, illustrated, and claimed in any patent application under Attorney Docket No. 2515.0396 and in U.S. Provisional Application No. 61/606,327, filed March 2, 2012, together with the entire right, title and interest in and to the applications, 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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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 PANDI C. MARIMUTHU

Witnessed on this date:

Signature of Witness:

Printed Name of Witness:

Address of Witness:

21, FEB 7013

MINSCORP MATON

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PATENT REEL: 029848 FRAME: 0986

RECORDED: 02/21/2013