### 504079550 11/03/2016

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4126218

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

#### **CONVEYING PARTY DATA**

| Name                                  | Execution Date |
|---------------------------------------|----------------|
| TRANSPACIFIC IP MANAGEMENT GROUP LTD. | 10/29/2016     |

### **RECEIVING PARTY DATA**

| Name:           | DYNAMIC INVENTION LLC |  |  |
|-----------------|-----------------------|--|--|
| Street Address: | 303 ARTI CHAMBERS     |  |  |
| City:           | VICTORIA MAHE         |  |  |
| State/Country:  | SEYCHELLES            |  |  |

### **PROPERTY NUMBERS Total: 11**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 14196525 |
| Application Number: | 14330504 |
| Application Number: | 14299502 |
| Application Number: | 14450119 |
| Application Number: | 14450135 |
| Application Number: | 14451874 |
| Application Number: | 14668641 |
| Application Number: | 14808047 |
| Application Number: | 14706121 |
| Application Number: | 14808222 |
| Application Number: | 14741640 |

#### **CORRESPONDENCE DATA**

**Fax Number:** (815)301-8408

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:** 847-458-6313

Email: Dan@PatentsandLicensing.com
Correspondent Name: DANIEL W JUFFERNBRUCH
Address Line 1: PATENTS AND LICENSING LLC
Address Line 2: 28 BARRINGTON BOURNE

Address Line 4: BARRINGTON, ILLINOIS 60010-9605

ATTORNEY DOCKET NUMBER: PL133-0009&12-21

504079550 PATENT REEL: 040205 FRAME: 0789

| NAME OF SUBMITTER:  | DANIEL W JUFFERNBRUCH   |  |
|---|-------------------------|--|
| SIGNATURE:  | /Daniel W Juffernbruch/ |  |
| DATE SIGNED:  | 11/03/2016              |  |
| Total Attachments: 4                                      |                         |  |
| source=TIPMG - Dynamic Assignment - 29 Oct 2016#page1.tif |                         |  |
| source=TIPMG - Dynamic Assignment - 29 Oct 2016#page2.tif |                         |  |
| source=TIPMG - Dynamic Assignment - 29 Oct 2016#page3.tif |                         |  |
| source=TIPMG - Dynamic Assignment - 29 Oct 2016#page4.tif |                         |  |

PATENT REEL: 040205 FRAME: 0790

#### ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Transpacific IP Management Group Ltd., a Taiwan company having an address at 12F., No.58, Fuxing North Road, Zhongshan Dist., Taipei City 104, Taiwan, R.O.C. ("Assignor"), does hereby sell, assign, transfer, and convey unto Dynamic Invention LLC, a Seychelles company, having an address at 303 Arti Chambers, Victoria, Mahé, Republic of Seychelles ("Assignee"), or its designees, all right, title, and interest that exist today and may exist in the future in and to all of the following (collectively, the "Patent Rights"), including:

- (a) the patent applications and patents listed in the Attachment hereto ("Listed Patents"),
- (b) all patents or patent applications that are current and future reissues, reexaminations, or other post-grant review, extensions, continuations, continuing prosecution applications, requests for continuing examinations, divisions, and registrations of any of the Listed Patents;
- (c) rights to apply in any or all countries of the world for future patents, certificates of invention, utility models, industrial design protections, design patent protections, or other future governmental grants or issuances of any type related to the Listed Patents; and
- (d) causes of action and enforcement rights under any claim(s) of any of the Listed Patents and/or any of the items described in either of the foregoing categories (b) or (c), including, without limitation, all causes of action, enforcement rights and all other rights to seek and obtain any other remedies of any kind for past, current and future infringement of any of the Listed Patents.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

-1-

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at Singapore on this 29th day of October, 2016.

ASSIGNOR

Transpacific IP Management Group Ltd.

Name:

Title: Chairman

(Signature MUST be attested)

### ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. §1746

The undersigned witnessed the signature of Guy L. Proulx to the above Assignment of Patent Rights on behalf of Transpacific IP Management Group Ltd. and makes the following statements:

- I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
- 2. Guy L. Proulx is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on October 29, 2016 to execute the above Assignment of Patent Rights on behalf of Transpacific IP Management Group Ltd.
- 3. Guy L. Proulx subscribed to the above Assignment of Patent Rights on behalf of Transpacific IP Management Group Ltd.

I declare under penalty of perjury under the laws of the United States of America that the statements made in the three (3) numbered paragraphs immediately above are true and correct.

-2-

EXECUTED on 29 OCT 2014(date)

By:

Print Name: PENNY TAN

# Attachment

# **Listed Patents**

| Application No. | Country | Filing Date | Title of Patent and First Named Inventor   |
|-----------------|---------|-------------|--|
| 14/196,525      | US      | 2014/03/04  | Small Cell Deployment Scheduling / Ching-<br>Yao Huang   |
| 14/450,119      | US      | 2014/08/01  | CELL SELECTION OR HANDOVER IN WIRELESS NETWORKS / Chao-Hua Huang   |
| 14/450,135      | US      | 2014/08/01  | CELL SELECTION OR HANDOVER IN WIRELESS NETWORKS / Chao-Hua Huang   |
| 14/330,504      | US      | 2014/07/14  | Direct Link Mode for Small Cells of Cellular Wireless Communication Networks / Yung- Lan Tseng   |
| 14/299,502      | US      | 2014/06/09  | SYSTEMS, APPARATUS, METHODS AND COMPUTER-READABLE STORAGE MEDIA FACILITATING MULTIPLE DEVICE COORDINATION IN WIRELESS COMMUNICATION SYSTEMS / Chie-Ming Chou |
| 14/741, 640     | US      | 2015/06/17  | FACILITATING ENERGY EFFICIENCY EMPLOYING RELAY TRANSMISSION MODE OF MULTIPLE DEVICE COORDINATION IN WIRELESS COMMUNICATION SYSTEMS/Chie-Ming Chou            |

PATENT REEL: 040205 FRAME: 0793

| Application No. | Country | Filing Date | Title of Patent and First Named Inventor   |
|-----------------|---------|-------------|--|
| 14/451,874      | US      | 2014/08/05  | NETWORK OPERATING SYSTEM RESOURCE COORDINATION / Chie Ming Chou  |
| 14/706,121      | US      | 2015/05/07  | Sparsity Enhanced Mismatch Model for Heterogeneous Networks with Doubly- Selective Fading Channels/Carrson C. Fung |
| 14/668,641      | US      | 2015/03/25  | NETWORK-ASSISTED CHANNEL SELECTION  AND POWER CONTROL FOR MOBILE  DEVICES/Li-chun Wang                             |
| 14/808,047      | US      | 2015/7/24   | Dynamic TDD Mechanism for Small Cell  Network/ Ching-Yao Huang   |
| 14/808,222      | US      | 2015/7/24   | Distributed Resource Allocation for Devices/<br>Hsuan-Li Lin   |

PATENT REEL: 040205 FRAME: 0794

**RECORDED: 11/03/2016**