## 504477110 07/27/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4523812 Stylesheet Version v1.2

SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

### **CONVEYING PARTY DATA**

| Name             | Execution Date |
|------------------|----------------|
| JAMES ROBERT LIM | 07/16/2015     |
| YUTING (TIM) YEH | 07/13/2015     |
| DAVID WANG       | 07/14/2015     |
| POON-KEONG ANG   | 04/18/2017     |
| ERIK AVY VAKNINE | 07/26/2017     |

#### **RECEIVING PARTY DATA**

| Name:           | AMAZON TECHNOLOGIES, INC. |
|-----------------|---------------------------|
| Street Address: | PO BOX 81226              |
| City:           | SEATTLE                   |
| State/Country:  | WASHINGTON                |
| Postal Code:    | 98108-1226                |

## **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 14632550 |

### **CORRESPONDENCE DATA**

**Fax Number:** (509)323-8979

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:** 509-324-9256

Email: friedac@leehayes.com
Correspondent Name: LEE & HAYES, PLLC

Address Line 1: 601 W. RIVERSIDE AVENUE

Address Line 2: SUITE 1400

Address Line 4: SPOKANE, WASHINGTON 99201

| ATTORNEY DOCKET NUMBER: | AM2-1548US   |
|-------------------------|--|
| NAME OF SUBMITTER:      | FRIEDA H. CRAMER   |
| SIGNATURE:              | /Frieda H. Cramer/   |
| DATE SIGNED:            | 07/27/2017   |
|                         | This document serves as an Oath/Declaration (37 CFR 1.63). |

PATENT 504477110 REEL: 043119 FRAME: 0677

| Total Attachments: 9     |  |  |
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U.S. Patent Appln. No. 14/632,550

Filing Date February 26, 2015

Attorney Docket No. AM2-1548US

Client Docket No. P21732-US

## **PARTIES TO THE ASSIGNMENT**

#### Assignor(s):

#### **JAMES ROBERT LIM**

410 Terry Avenue North Seattle, WA 98109-5210

#### **YUTING YEH**

410 Terry Avenue North Seattle, WA 98109-5210

#### **DAVID WANG**

410 Terry Avenue North Seattle, WA 98109-5210

#### **POON-KEONG ANG**

410 Terry Avenue North Seattle, WA 98109-5210

#### **ERIK AVY VAKNINE**

410 Terry Avenue North Seattle, WA 98109-5210

#### Assignee:

Amazon Technologies, Inc. PO Box 81226 Seattle, WA 98108-1226

## **AGREEMENT**

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled

"IN-PACKAGE LIGHT-ENERGY DEVICE COMMUNICATION" (Invention) for which a non-provisional application for United States Letters Patent

was filed on <u>February 26, 2015</u> and accorded U.S. application no. <u>14/632,550</u>; or

U.S. Patent Appln. No. <u>14/632,550</u>

Attorney Docket No. AM2-1548US

Client Docket No. P21732-US

Filing Date February 26, 2015

will be filed concurrently with the submission of this executed PATENT ASSIGNMENT for

recordation.

ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of

Lee & Hayes PLLC, associated with Customer No. 29150, to insert in the header above and here in

parentheses (U.S. application no. \_\_\_\_\_\_, filed \_\_\_\_\_\_) this application's U.S. application number and

filing date, when known.

WHEREAS, ASSIGNEE, a corporation of the State of Nevada, is desirous of acquiring the entire

right, title and interest in and to the Invention and in and to any letters patent that may be granted

therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is

hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its successors and

assigns, the entire right, title and interest in and to said Invention and any improvements thereto, said

Application and any and all letters patent which may be granted for said Invention in the United States

of America and its territorial possessions and in any and all foreign countries, and in any and all

provisional, divisions, reissues, re-examinations and continuations thereof, including the right to file

foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said

application to which said foreign applications are entitled by virtue of international convention, treaty or

otherwise, said Invention, application and all letters patent on said Invention to be held and enjoyed by

ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as

fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment,

transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of

Patents and Trademarks to issue all letters patent on said Invention to ASSIGNEE. ASSIGNOR(S) agree to

execute all instruments and documents required for the making and prosecution of applications for

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U.S. Patent Appln. No. <u>14/632,550</u>

Attorney Docket No. AM2-1548US

Filing Date February 26, 2015

Client Docket No. P21732-US

United States and foreign letters patent on said Invention, for litigation regarding said letters patent, or

for the purpose of protecting title to said Invention or letters patent therefor.

AND ASSIGNOR(S) DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors,

legal representatives, and assigns all claims for damages and all remedies arising out of any violation of

the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may

accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past

infringements of said letters patent before or after issuance.

AND ASSIGNOR(S) DOES HEREBY covenant and agree that ASSIGNOR(S) will communicate to said

ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the

Invention or said application, and testify in any legal proceeding, assist in the preparation of any other

patent property relating to the application and the Invention or any improvements made thereto,

sign/execute all lawful papers, provide all requested documents, execute and make all rightful oaths

and/or declarations in connection with the application and the Invention including any improvements

made thereto, any patent applications filed therefrom, and any continuing application filed from any of

the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its

successors, legal representatives and assigns, to obtain and enforce proper patent protection for the

Invention in all countries. These provisions are binding upon our heirs, legal representatives,

administrators, and assigns.

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U.S. Patent Appln. No. <u>14/632,550</u>

Filing Date February 26, 2015

Attorney Docket No. AM2-1548US

Client Docket No. P21732-US

## **CORRESPONDENCE ADDRESS**

I hereby direct all correspondence and telephone calls in connection with this application be addressed to the number associated with the customer number listed below, which is:

**Customer No.** 

29150

U.S. Patent Appln. No. 14/632,550
Filing Date February 26, 2015

Attorney Docket No. <u>AM2-1548US</u>
Client Docket No. <u>P21732-US</u>

| DECLARATION  |  |
|--|--|
| As a below named inventor, I hereby declare                  | e that:  |
| This declaration is directed to:                             |  |
| the attached application; or                                 |  |
| United States application number                             | er <u>14/632,550</u> filed on <u>February 26, 2015;</u> or   |
| PCT international application nu                             | mber filed on  |
| The above-identified application was made                    | or authorized to be made by me.  |
| I believe that I am the original inventor or an application. | n original joint inventor of a claimed Invention in the  |
|  | ts of the above-identified application, and acknowledge the ark Office all information known to me to be material to the |
| I hereby acknowledge that any willful false s                | statement made in this declaration is punishable under 18  |
| USC 1001 by fine or imprisonment of not mo                   | ore than five (5) years, or both.  |
| Legal name of inventor:<br>JAMES (JIMMY) ROBERT LIM          | WITNESSED BY:  |
|  | 4-2/4  |
| Inventor Signature<br>ライスイン                                  | Witness Signature  |
| Date   | Witness (Printed Name)   |
|  | 7/16/15  |

Date

U.S. Patent Appln. No. <u>14/632,550</u>
Filing Date <u>February 26, 2015</u>

Attorney Docket No. <u>AM2-1548US</u>
Client Docket No. <u>P21732-US</u>

| DECLARATION   |  |
|---|--|
| As a below named inventor, I hereby declare that:           |  |
| This declaration is directed to:                            |  |
| the attached application; or                                |  |
| $\square$ United States application number <u>14/632,5</u>  | 50 filed on <u>February 26, 2015;</u> or         |
| PCT international application number                        | filed on   |
| The above-identified application was made or authorize      | ed to be made by me.                             |
| I believe that I am the original inventor or an original jo | oint inventor of a claimed invention in the      |
| application.  |  |
|   |  |
| I have reviewed and understand the contents of the ab       | ove-identified application, and acknowledge the  |
| duty to disclose to the US Patent & Trademark Office a      | II information known to me to be material to the |
| patentability as defined in 37 CFR 1.56.                    |  |
|   |  |
| I hereby acknowledge that any willful false statement r     | nade in this declaration is punishable under 18  |
| USC 1001 by fine or imprisonment of not more than five      | re (5) years, or both.                           |
|   |  |
| Legal name of inventor:                                     |  |
| YUTING (TIM) YEH  | WITNESSED BY:                                    |
|   | 41/  |
| Inventor Signature  | Witness Signature                                |
| 07/13/15  | 1/13/15  |
| Date  | Witness (Printed Name)                           |
|   | Horad Lee  |
|   | Date   |

U.S. Patent Appln. No. 14/632,550 Filing Date February 26, 2015

**DECLARATION** 

Attorney Docket No. AM2-1548US Client Docket No. P21732-US

| As a below named inventor. | I berehy declare. |
|----------------------------|-------------------|

| As a below named inventor, I hereby declare that:   |   |
|---|---|
| This declaration is directed to:  |   |
| the attached application; or  |   |
| igotimes United States application number 14/632,5!   | 50_filed on <u>February 26, 2015;</u> or        |
| PCT international application number  | filed on  |
| The above-identified application was made or authorize  | ed to be made by me.                            |
| believe that I am the original inventor or an original join application.  | int inventor of a claimed invention in the      |
| I have reviewed and understand the contents of the about to disclose to the US Patent & Trademark Office all patentability as defined in 37 CFR 1.56. |   |
| I hereby acknowledge that any willful false statement m   | nade in this declaration is punishable under 18 |
| USC 1001 by fine or imprisonment of not more than five  | e (5) years, or both.                           |
| Legal name of inventor:  DAVID WANG   | WITNESSED BY:                                   |
| Inventor Signature  | Witness Signature                               |
| 7114116   | Hound Lee                                       |
| Date  | Witness (Printed Name)                          |
|   | 7/14/17<br>Date                                 |

U.S. Patent Appln. No. 14/632,550

## PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

Filing Date February 26, 2015 Client Docket No. P21732-US **DECLARATION** As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or United States application number 14/632,550 filed on February 26, 2015; or PCT international application number \_\_\_\_\_\_ filed on \_\_\_\_\_\_. The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed Invention in the application. I have reviewed and understand the contents of the above-identified application, and acknowledge the duty to disclose to the US Patent & Trademark Office all information known to me to be material to the patentability as defined in 37 CFR 1.56. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both. Legal name of inventor: **POON-KEONG ANG** WITNESSED BY: -DocuSigned by: Poor-Keon Any Witness Signature **Inventor Signature** April 18, 2017 Witness (Printed Name) Date Date

Attorney Docket No. AM2-1548US

**RECORDED: 07/27/2017** 

### PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 14/632,550 Attorney Docket No. AM2-1548US Filing Date February 26, 2015 Client Docket No. P21732-US **DECLARATION** As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or United States application number 14/632,550 filed on February 26, 2015; or PCT international application number \_\_\_\_\_\_ filed on \_\_\_\_\_. The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed Invention in the application. I have reviewed and understand the contents of the above-identified application, and acknowledge the duty to disclose to the US Patent & Trademark Office all information known to me to be material to the patentability as defined in 37 CFR 1.56. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both. /Erik dvy Vaknine/\_\_\_\_ **ERIK AVY VAKNINE** July 26, 2017 Date

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