## 504257767 03/06/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4304447

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date	
KHALED AHMAD OBEIDAT	03/04/2017	
MING ZHENG	02/24/2017	
ADRIAN NAPOLES	09/17/2015	
PETER ELI RENNER	09/17/2015	
CHENG JUNG LEE	02/27/2017	

#### 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:	14751539

#### CORRESPONDENCE DATA

Fax Number:

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.

Email:mkrueger@lowenstein.comCorrespondent Name:LOWENSTEIN SANDLER LLPAddress Line 1:65 LIVINGSTON AVENUE

Address Line 2: PATENT DOCKET ADMINISTRATOR
Address Line 4: ROSELAND, NEW JERSEY 07068

ATTORNEY DOCKET NUMBER: 33350.140 (L0140)

NAME OF SUBMITTER: DEVIN W. MILLER

SIGNATURE: /Devin W. Miller/

DATE SIGNED: 03/06/2017

**Total Attachments: 8** 

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PATENT REEL: 041475 FRAME: 0265

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PATENT REEL: 041475 FRAME: 0266

U.S. Patent Appln. No. <u>14/751,539</u> Filing Date <u>June 26, 2015</u> Attorney Docket No. <u>08862.328 (L0328)</u>

Client Docket No. P25137-US

### **PARTIES TO THE ASSIGNMENT**

#### Assignor(s):

# Khaled Ahmad Obeidat 410 Terry Avenue North

Seattle, WA 98109-5210

#### MING ZHENG

410 Terry Avenue North Seattle, WA 98109-5210

#### **ADRIAN NAPOLES**

410 Terry Avenue North Seattle, WA 98109-5210

#### PETER ELI RENNER

410 Terry Avenue North Seattle, WA 98109-5210

#### **CHENG JUNG LEE**

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

"DUAL BAND ANTENNA WITH A FIRST ORDER MODE AND A SECOND ORDER MODE" (Invention) for which a non-provisional application for United States Letters Patent

was filed on June26, 2015 and accorded U.S. application no. 14/751,539; or
will be filed concurrently with the submission of this executed PATENT ASSIGNMENT for
recordation.

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U.S. Patent Appln. No. <u>14/751,539</u>

Attorney Docket No. <u>08862.328</u> (<u>L0328</u>)

Filing Date June 26, 2015

Client Docket No. P25137-US

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

Lowenstein Sandler LLP, associated with Customer No. 14432, to insert in the header above and here in

parentheses (U.S. application no. 14/751,539, filed June 26, 2015) 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

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.

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PATENT REEL: 041475 FRAME: 0268

U.S. Patent Appln. No. <u>14/751,539</u>

Filing Date June 26, 2015

Attorney Docket No. <u>08862.328 (L0328)</u>

Client Docket No. <u>P25137-US</u>

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.

**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.

14432

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PATENT REEL: 041475 FRAME: 0269

U.S. Patent Appln. No. <u>14/751,539</u> Attorney Docket No. 08862.328 (L0328) Filing Date June 26, 2015 Client Docket No. P25137-US DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or United States application number 14/751,539 filed on June26, 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. / khaled alimad Obeidat/ AEA675BE8735444. KHALED AHMAD OBEIDAT March 4, 2017 Date

U.S. Patent Appln. No. <u>14/751,539</u> Filing Date <u>June 26, 2015</u> Attorney Docket No. <u>08862.328 (L0328)</u>

Client Docket No. <u>P25137-US</u>

<u>DECLARATION</u>
As a below named inventor, I hereby declare that:
This declaration is directed to:
the attached application; or
$igstyle igstyle igstyle$ United States application number $\underline{14/751,539}$ filed on June 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.
Ming Hung
MING ZHENG
February 24, 2017
Date

U.S. Patent Appln. No. 14/751,539 Filing Date June 26, 2015

Attorney Docket No. 08862.328 (L0328) Client Docket No. P25137-US

# MECLADATION

DECLARATION	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
$oxed{\boxtimes}$ United States application number <u>14/751,5</u>	39 filed on <u>June 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 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 n	
USC 1001 by fine or imprisonment of not more than five	e (5) years, or both.
Legal name of inventor: ADRIAN NAPOLES	WITNESSED BY:
Inventor Signature  9/17/2015  Date	Witness Signature Witness (Printed Name)  Date

U.S. Patent Appln. No. <u>14/751,539</u> Filling Date <u>June 26, 2015</u> Attorney Docket No. <u>08862.328 (L0328)</u>
Client Docket No. <u>P25137-US</u>

DE	CLA	RATIO	ON					
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As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
igstyle United States application number <u>14/751,5</u>	39 filed on <u>June 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 application.	int inventor of a claimed Invention in the
I have reviewed and understand the contents of the abduty to disclose to the US Patent & Trademark Office alpatentability as defined in 37 CFR 1.56.	
I hereby acknowledge that any willful false statement n	nade in this declaration is punishable under 18
USC 1001 by fine or imprisonment of not more than fiv	e (5) years, or both.
Legal name of inventor: PETER ELI RENNER	WITNESSED BY:
Neta form Inventor Signature	Witness Signature
9/17/2015	_E//c Ouggan
Date	Witness (Printed Name)
	<u> Sp. 17, 2015 </u>
	Date /

 U.S. Patent Appln. No. 14/751,539
 Attorney Docket No. 08862.328 (L0328)

 Filing Date June 26, 2015
 Client Docket No. P25137-US

DECLARATION
As a below named inventor, I hereby declare that:
This declaration is directed to:
the attached application; or
igotimes United States application number <u>14/751,539</u> filed on <u>June 26, 2015</u> ; 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.
Docusigned by:  // Jung Jung Lu/
February 27, 2017
Date

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PATENT REEL: 041475 FRAME: 0274

RECORDED: 03/06/2017