#### 09/18/2018 505100158

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5146918

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
LIZHEN PENG	09/14/2018
SVEN EBERHARDT	09/14/2018
AKSHAY KUMAR	09/14/2018
CHARLES EDWIN ASHTON BRETT	09/17/2018
SARA PARKER HILLENMEYER	09/14/2018
WILLIAM EVAN WELBOURNE	09/14/2018

### **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:	16134699

### **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.

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LEE & HAYES PLLC **Correspondent Name:** 

601 WEST RIVERSIDE AVENUE Address Line 1:

Address Line 2: **SUITE 1400** 

Address Line 4: SPOKANE, WASHINGTON 99201

	PATENT	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
DATE SIGNED:	09/18/2018	
SIGNATURE:	/Michelina Serres/	
NAME OF SUBMITTER:	MICHELINA SERRES	
ATTORNEY DOCKET NUMBER:	AM2-2606US	

REEL: 046903 FRAME: 0799 505100158

Total Attachments: 9	
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U.S. Patent Appln. No. <u>16/134,699</u> Attorney Docket No. <u>AM2-2606US</u>

Filing Date <u>September 18, 2018</u> Client Docket No. <u>P60073-US01</u>

#### **PARTIES TO THE ASSIGNMENT**

### Assignor(s):

Lizhen PengCharles Edwin Ashton Brett410 Terry Avenue North410 Terry Avenue NorthSeattle, WA 98109-5210Seattle, WA 98109-5210

Sven EberhardtSara Parker Hillenmeyer410 Terry Avenue North410 Terry Avenue NorthSeattle, WA 98109-5210Seattle, WA 98109-5210

Akshay KumarWilliam Evan Welbourne410 Terry Avenue North410 Terry Avenue NorthSeattle, WA 98109-5210Seattle, 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

"TARGET-DEVICE RESOLUTION" (Invention) for which a non-provisional application for United

States Letters Patent (Application):

was filed on \_\_\_\_\_\_\_ and accorded U.S. Application No. \_\_\_\_\_\_\_; or

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. <u>136607</u>, to insert in the header above and here in parentheses (U.S. Patent Application No. <u>16/134,699</u>, filed <u>Sept. 18, 2018</u>) this application's U.S. application number and filing date, when known.

U.S. Patent Appln. No. 16/134,699

Attorney Docket No. AM2-2606US

Filing Date September 18, 2018

Client Docket No. P60073-US01

Title of Invention: TARGET-DEVICE RESOLUTION

Inventors: Lizhen Peng, Sven Eberhardt, Akshay Kumar, Charles Edwin Ashton Brett, Sara

Parker Hillenmever, William Evan Welbourne

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, as well as all other applicable patent offices throughout the world, 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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U.S. Patent Appln. No. 16/134,699

Attorney Docket No. AM2-2606US

Filing Date September 18, 2018

Client Docket No. P60073-US01

Title of Invention: TARGET-DEVICE RESOLUTION

Inventors: Lizhen Peng, Sven Eberhardt, Akshay Kumar, Charles Edwin Ashton Brett, Sara

Parker Hillenmever, William Evan Welbourne

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 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 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 ASSIGNOR's heirs, legal representatives, administrators, and assigns.

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U.S. Patent Appln. No. <u>16/134,699</u>	Attorney Docket No. AM2-26060S
Filing Date September 18, 2018	Client Docket No. <u>P60073-US01</u>
Title of Invention: <u>TARGET-DEVICE RESOLU</u>	<u>ITION</u>
Inventors: Lizhen Peng, Sven Eberhardt, A Parker Hillenmeyer, William Evan Welbo	Akshay Kumar, Charles Edwin Ashton Brett, Sara urne
<b><u>DECLARATION</u></b> As a below named inventor, I hereby declar	are that:
This declaration is directed to:	
igstyle igstyle igstyle the attached application; or	
United States Patent Application	on number; or
PCT International Application	number filed on
The above-identified application was mad	e or authorized to be made by me.
I believe that I am the original inventor or application.	an original joint inventor of a claimed Invention in the
I have reviewed and understand the conte	ents of the above-identified application, and
acknowledge the duty to disclose to the U	IS Patent & Trademark Office all information known to
me to be material to the patentability as o	defined in 37 CFR 1.56.
	e statement made in this declaration is punishable nt of not more than five (5) years, or both.
DocuSigned by:  /Lizhen Peng/  OCB1E15AB4A74FE	
Lizhen Peng	
September 14, 2018	
Date	

U.S. Patent Appln. No. <u>16/134,699</u>	Attorney Docket No. <u>AM2-2606US</u>
Filing Date September 18, 2018	Client Docket No. <u>P60073-US01</u>
Title of Invention: TARGET-DEVICE RESOLU	<u>JTION</u>
Inventors: Lizhen Peng, Sven Eberhardt, A Parker Hillenmeyer, William Evan Welbo	Akshay Kumar, Charles Edwin Ashton Brett, Sara urne
<u>DECLARATION</u>	
As a below named inventor, I hereby decl	are that:
This declaration is directed to:	
$igstyle{igstyle}$ the attached application; or	
United States Patent Applicati	on number; or
PCT International Application	number filed on
The above-identified application was mad	•
application.	an original joint inventor of a claimed Invention in the
аррисаціон.	
I have reviewed and understand the conto	ents of the above-identified application, and
acknowledge the duty to disclose to the U	JS 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 fals	e statement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonme	ent of not more than five (5) years, or both.
Docusigned by: /Swn Eberhardt/87A35C99B7EF4EF	
Sven Eberhardt	
September 14, 2018	
Date	

Page 5 of 9

U.S. Patent Appln. No. <u>16/134,699</u>	Attorney Docket No. <u>AM2-2606US</u>
Filing Date <u>September 18,</u> 2018	Client Docket No. <u>P60073-US01</u>
Title of Invention: TARGET-DEVICE RESOLU	<u>JTION</u>
Inventors: Lizhen Peng, Sven Eberhardt, A Parker Hillenmeyer, William Evan Welbo	Akshay Kumar, Charles Edwin Ashton Brett, Sara ourne
<u>DECLARATION</u>	
As a below named inventor, I hereby dec	are that:
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igotimes the attached application; or	
United States Patent Applicat	ion number; or
PCT International Application	number filed on
The above-identified application was made	de or authorized to be made by me.
I believe that I am the original inventor or application.	an original joint inventor of a claimed Invention in the
	ents of the above-identified application, and US Patent & Trademark Office all information known to defined in 37 CFR 1.56.
	e statement made in this declaration is punishable ent of not more than five (5) years, or both.
Docusigned by:  / Ilkshay temar/	
Akshay Kumar	
September 14, 2018	
Date	

U.S. Patent Appln. No. <u>16/134,699</u>	Attorney Docket No. <u>AM2-2606US</u>
Filing Date September 18, 2018	Client Docket No. <u>P60073-US01</u>
Title of Invention: TARGET-DEVICE RESOLU	<u>JTION</u>
Inventors: Lizhen Peng, Sven Eberhardt, A Parker Hillenmeyer, William Evan Welbo	Akshay Kumar, Charles Edwin Ashton Brett, Sara urne
<u>DECLARATION</u>	
As a below named inventor, I hereby decl	are that:
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The above-identified application was mad	le or authorized to be made by me.
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I have reviewed and understand the cont	ents of the above-identified application, and
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me to be material to the patentability as	defined in 37 CFR 1.56.
	e statement made in this declaration is punishable ent of not more than five (5) years, or both.
Occusigned by: // Charles Edwin Ashton Brett/	
Charles Edwin Ashton Brett	
September 17, 2018  Date	

Filing Date <u>September 18, 2018</u> Client Docket N	lo. <u>P60073-US01</u>
Title of Invention: TARGET-DEVICE RESOLUTION	
Inventors: Lizhen Peng, Sven Eberhardt, Akshay Kumar, Charles Edwin Ashton B Parker Hillenmeyer, William Evan Welbourne	Brett, Sara
<u>DECLARATION</u>	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
United States Patent Application number filed on	; or
PCT International Application number filed on	<u>_</u> .
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 lapplication.	Invention in the
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 inform	ation 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 under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or bo	
Sara Parker Hillenmeyer/ 51164C5DB76940C	
Sara Parker Hillenmeyer	
September 14, 2018	
Date	

U.S. Patent Appln. No. <u>16/134,699</u>	Attorney Docket No. AM2-2606US
Filing Date September 18, 2018	Client Docket No. P60073-US01
Title of Invention: <u>TARGET-DEVICE RESOLUT</u>	<u>ION</u>
Inventors: Lizhen Peng, Sven Eberhardt, Ak Parker Hillenmeyer, William Evan Welbou	shay Kumar, Charles Edwin Ashton Brett, Sara rne
<u>DECLARATION</u>	
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me to be material to the patentability as de	fined in 37 CFR 1.56.
I hereby acknowledge that any willful false under 18 USC 1001 by fine or imprisonment	statement made in this declaration is punishable t of not more than five (5) years, or both.
DocuSigned by: /William Evan Welbourne/ 568E48ADDCD046D	
William Evan Welbourne	
September 14, 2018	
Date	
Date	

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