## 506992246 11/23/2021

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

Version v1.1 EPAS ID: PAT7039085

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
RAJEEV DWIVEDI	11/19/2021
VIVEK S NARAYANAN	11/19/2021
GANESH KRISHNAMOORTHY	11/19/2021
MOHIT MALIK	11/19/2021
MICHAEL ALAN BRAY	11/19/2021

#### **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:	17532711

### **CORRESPONDENCE DATA**

**Fax Number:** (404)853-8806

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:** 404-853-8000

Email: amazonpatents@eversheds-sutherland.us
Correspondent Name: EVERSHEDS SUTHERLAND (US) LLP

Address Line 1: 999 PEACHTREE STREET NE

Address Line 2: SUITE 2300

Address Line 4: ATLANTA, GEORGIA 30309

Total Attachments O	
DATE SIGNED:	11/23/2021
SIGNATURE:	/Michelle Stanislo/
NAME OF SUBMITTER:	MICHELLE STANISLO
ATTORNEY DOCKET NUMBER:	25396-1524

Total Attachments: 9

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U.S. Patent Appln. No. <u>17/532,711</u> Filing Date <u>11-22-2021</u>

Attorney Docket No. 25396-1524 Client Docket No. P75972-US01

### PARTIES TO THE ASSIGNMENT

#### Assignor(s):

Rajeev Dwivedi 410 Terry Avenue North Seattle, WA 98109-5210

Vivek 5 Narayanan 410 Terry Avenue North Seattle, WA 98109-5210

Ganesh Krishnamoorthy 410 Terry Avenue North Seattle, WA 98109-5210

Mohit Malik 410 Terry Avenue North Seattle, WA 98109-5210

Michael Alan Bray 410 Terry Avenue North Seattle, WA 98109-5210

#### Assignee:

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

### <u>AGREEMENT</u>

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "SYSTEMS AND METHODS TO PERFORM PERPENDICULAR CHANGES IN CONTAINER SHUTTLE DIRECTION" (Invention) for which a non-provisional application for United States Letters Patent (Application):

was filed on  $\underline{11\text{-}22\text{-}2021}$  and accorded U.S. Application No.  $\underline{17/532,711}$ ; or

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U.S. Patent Appln. No. 17/532,711 Filing Date 11-22-2021

Attorney Docket No. 25396-1524 Client Docket No. P75972-US01

Title of Invention: SYSTEMS AND METHODS TO PERFORM PERPENDICULAR CHANGES IN

CONTAINER SHUTTLE DIRECTION

 $|\mathsf{X}|$  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 Eversheds Sutherland LLP, associated with Customer No.

126647, to insert in the header above and here in parentheses (U.S. Patent

Application No. 17/532,711, filed 11-22-2021) 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

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U.S. Patent Appln. No. <u>17/532,711</u>

Filing Date <u>11-22-2021</u>

Attorney Docket No. 25396-1524

Client Docket No. P75972-US01

Title of Invention: SYSTEMS AND METHODS TO PERFORM PERPENDICULAR CHANGES IN

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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.

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

Page 3 of 9

U.S. Patent Appln. No. <u>17/532,711</u> Filing Date <u>11-22-2021</u> Attorney Docket No. 25396-1524 Client Docket No. P75972-US01

Title of Invention: SYSTEMS AND METHODS TO PERFORM PERPENDICULAR CHANGES IN CONTAINER SHUTTLE DIRECTION

the Invention in all countries. These provisions are binding upon ASSIGNOR's heirs, legal representatives, administrators, and assigns.

Date

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

U.S. Patent Appln. No. 17/532,711 Attorney Docket No. 25396-1524 Filing Date 11-22-2021 Client Docket No. P75972-US01 Title of Invention: SYSTEMS AND METHODS TO PERFORM PERPENDICULAR CHANGES IN CONTAINER SHUTTLE DIRECTION DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or |X| United States Patent Application number 17/532,711 filed on 11-22-2021; 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: Rajeev Dwivedi November 19, 2021

November 19, 2021

Date

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

U.S. Patent Appln. No. 17/532,711 Attorney Docket No. 25396-1524 Filing Date 11-22-2021 Client Docket No. P75972-US01 Title of Invention: SYSTEMS AND METHODS TO PERFORM PERPENDICULAR CHANGES IN CONTAINER SHUTTLE DIRECTION DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or  $\boxed{X}$  United States Patent Application number  $\boxed{17/532,711}$  filed on  $\boxed{11-22-2021}$ ; 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: Nivek S Narayanan/ Vivek S Narayanan

U.S. Patent Appln. No. 17/532,711 Filing Date <u>11-22-2021</u>

Attorney Docket No. 25396-1524 Client Docket No. P75972-US01

Title of Invention: SYSTEMS AND METHODS TO PERFORM PERPENDICULAR CHANGES IN

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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
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I have reviewed and understand the contents of the above-identified application, and acknowledge
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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.
Composition DocuSigned by:
/Ganesh terishnamoorthy/
Ganesh Krishnamoorthy
November 19, 2021
Date

U.S. Patent Appln. No. 17/532,711

## PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

Attorney Docket No. 25396-1524

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Development has
Mobile Malik
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Mohit Malik
November 19, 2021
Date

Page 8 of 9

**RECORDED: 11/23/2021** 

## PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. <u>17/532,711</u> Filing Date <u>11-22-2021</u>

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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
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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:  Michael Clan Bray/  799558F9AFCB43B
Michael Alan Bray
November 19, 2021
Date

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