

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5995893

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the CONVEYING PARTY DATA--INVENTOR NAME-- previously recorded on Reel 050268 Frame 0665. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNORS INTEREST.
RESUBMIT DOCUMENT ID:	505730906

CONVEYING PARTY DATA

Name	Execution Date
NEHA RUNGTA	08/28/2019
TEMESGHEN KAHSAL AZENE	08/28/2019
PAULINE VIRGINIE BOLIGNANO	09/02/2019
KASPER SOE LUCKOW	08/28/2019
SEAN MCLAUGHLIN	08/30/2019
CATHERINE DODGE	08/28/2019
ANDREW JUDE GACEK	08/28/2019
CARSTEN VARMING	08/30/2019
JOHN BYRON COOK	08/30/2019
DANIEL SCHWARTZ-NARBONNE	09/01/2019
JUAN RODRIGUEZ HORTALA	08/29/2019

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:	16115408

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: cheryl.clark@quarles.com

Correspondent Name: QUARLES & BRADY LLP

Address Line 1: 411 E. WISCONSIN AVENUE
Address Line 4: MILWAUKEE, WISCONSIN 53202

ATTORNEY DOCKET NUMBER: P45920-US01 155890.00110

NAME OF SUBMITTER: BENJAMIN D. TIETGEN

SIGNATURE: /Benjamin D. Tietgen/

DATE SIGNED: 03/04/2020

Total Attachments: 15

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5701605

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NEHA RUNGTA	08/28/2019
TEMESGHEN KAHSAI AZENE	08/28/2019
PAULINE VIRGINIE BOLIGNANO	09/02/2019
KASPER SOE LUCKOW	08/28/2019
SEAN MCLAUGHLIN	08/30/2019
CATHERINE DODGE	08/28/2019
ANDREW JUDE GACEK	08/28/2019
CARSTEN VARMING	08/30/2019
JOHN BYRON COOK	08/30/2019
DANIEL SCHWARTZ-NARBONNE	09/01/2019
JUAN RODRIGUEZ HORTAL	08/29/2019
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:	16115408
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Email:	cheryl.clark@quarles.com
Correspondent Name:	QUARLES & BRADY LLP
Address Line 1:	411 E. WISCONSIN AVENUE
Address Line 4:	MILWAUKEE, WISCONSIN 53202
ATTORNEY DOCKET NUMBER:	P45920-US01 155890.00110

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 16/115,408

Attorney Docket No. 155890.00110

Filing Date August 28, 2018

Client Docket No. P45920-US01

PARTIES TO THE ASSIGNMENT

Assignor(s):

Neha Rungta

410 Terry Avenue North
Seattle, WA 98109-5210

Andrew Jude Gacek

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Temesghen Kahsai Azene

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Carsten Varming

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Pauline Virginie Bolignano

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Daniel Schwartz-Narbonne

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Sean McLaughlin

410 Terry Avenue North
Seattle, WA 98109-5210

Juan Rodriguez Hortala

410 Terry Avenue North
Seattle, WA 98109-5210

Catherine Dodge

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
"CONSTRAINT SOLVER EXECUTION SERVICE AND INFRASTRUCTURE THEREFOR" (Invention) for
which a non-provisional application for United States Letters Patent (Application):

was filed on August 28, 2018 and accorded U.S. Application No. 16/115,408; or

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 16/115,408

Attorney Docket No. 155890.00110

Filing Date August 28, 2018

Client Docket No. P45920-US01

Title of Invention: CONSTRAINT SOLVER EXECUTION SERVICE AND INFRASTRUCTURE THEREFOR

Inventors: **Neha Rungta, Temesghen Kahsai Azene, Pauline Virginie Bolignano, Kasper Soe Luckow, Sean McLaughlin, Catherine Dodge, Andrew Jude Gacek, Carsten Varming, John Byron Cook, Daniel Schwartz-Narbonne, Juan Rodriguez Hortala**

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

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

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 16/115,408

Attorney Docket No. 155890.00110

Filing Date August 28, 2018

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

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 16/115,408

Attorney Docket No. 155890.00110

Filing Date August 28, 2018

Client Docket No. P45920-US01

Title of Invention: CONSTRAINT SOLVER EXECUTION SERVICE AND INFRASTRUCTURE THEREFOR

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DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to:


- the attached application; or
- United States Patent Application number 16/115,408 filed on August 28, 2018; 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:


 64541FFCE6524BA...

Neha Rungta

August 28, 2019

Date

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 16/115,408 Attorney Docket No. 155890.00110

Filing Date August 28, 2018 Client Docket No. P45920-US01

Title of Invention: CONSTRAINT SOLVER EXECUTION SERVICE AND INFRASTRUCTURE THEREFOR

Inventors: **Neha Rungta, Temesghen Kahsai Azene, Pauline Virginie Bolignano, Kasper Soe Luckow, Sean McLaughlin, Catherine Dodge, Andrew Jude Gacek, Carsten Varming, John Byron Cook, Daniel Schwartz-Narbonne, Juan Rodriguez Hortala**

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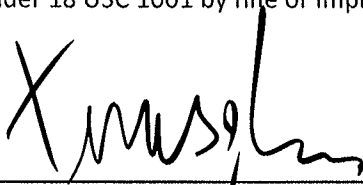
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Temesghen Kahsai Azene

08/28/2019

Date

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U.S. Patent Appln. No. 16/115,408

Attorney Docket No. 155890.00110

Filing Date August 28, 2018

Client Docket No. P45920-US01

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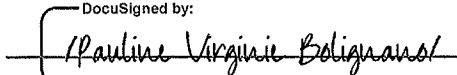
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DocuSigned by:

 5404E56302094C8...
Pauline Virginie Bolignano

September 2, 2019

 Date

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 16/115,408

Attorney Docket No. 155890.00110

Filing Date August 28, 2018

Client Docket No. P45920-US01

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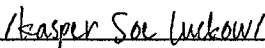
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DocuSigned by:


 71544B8391B24FC...

Kasper Soe Luckow

August 28, 2019

Date

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 16/115,408

Attorney Docket No. 155890.00110

Filing Date August 28, 2018

Client Docket No. P45920-US01

Title of Invention: CONSTRAINT SOLVER EXECUTION SERVICE AND INFRASTRUCTURE THEREFOR

Inventors: **Neha Rungta, Temesghen Kahsai Azene, Pauline Virginie Bolignano, Kasper Soe Luckow, Sean McLaughlin, Catherine Dodge, Andrew Jude Gacek, Carsten Varming, John Byron Cook, Daniel Schwartz-Narbonne, Juan Rodriguez Hortala**

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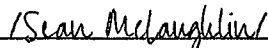
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DocuSigned by:


 20AC0EA9D72A4F4...

Sean McLaughlin

August 30, 2019

Date

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 16/115,408

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Inventors: **Neha Rungta, Temesghen Kahsai Azene, Pauline Virginie Bolognaro, Kasper Soe Luckow, Sean McLaughlin, Catherine Dodge, Andrew Jude Gacek, Carsten Varming, John Byron Cook, Daniel Schwartz-Narbonne, Juan Rodriguez Hortala**

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DocuSigned by:


 7EE1752249B14BF...

Catherine Dodge

August 28, 2019

 Date

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 16/115,408

Attorney Docket No. 155890.00110

Filing Date August 28, 2018

Client Docket No. P45920-US01

Title of Invention: CONSTRAINT SOLVER EXECUTION SERVICE AND INFRASTRUCTURE THEREFOR

Inventors: **Neha Rungta, Temesghen Kahsai Azene, Pauline Virginie Bolignano, Kasper Soe Luckow, Sean McLaughlin, Catherine Dodge, Andrew Jude Gacek, Carsten Varming, John Byron Cook, Daniel Schwartz-Narbonne, Juan Rodriguez Hortala**

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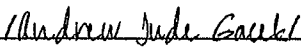
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DocuSigned by:


 D9DFE2C5543F424...

Andrew Jude Gacek

August 28, 2019

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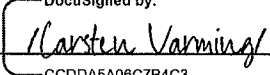
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DocuSigned by:


 CCDDA5A08C7B4C3...

Carsten Varming

August 30, 2019

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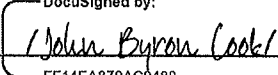
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DocuSigned by:

 FF14EA870AC9488...

John Byron Cook

August 30, 2019

Date

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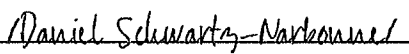
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DocuSigned by:

 9692346324DE477...

Daniel Schwartz-Narbonne

September 1, 2019

Date

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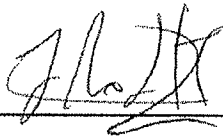
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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.



Juan Rodriguez Hortala

8/29/19

Date