#### 505687102 09/24/2019

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5733912

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SRINIVASAN RAMABADRAN	09/19/2019
HARDEEP SINGH	09/16/2019
SHANTA PAVAN NAMBURI	09/16/2019
ANDREI TCAREVSKII	09/17/2019

#### **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:	16577585

#### CORRESPONDENCE DATA

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**Correspondent Name:** ROBERT SCOTTI/KLARQUIST SPARKMAN, LLP

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ATTORNEY DOCKET NUMBER:	8904-102593-01
NAME OF SUBMITTER:	ROBERT F. SCOTTI
SIGNATURE:	/ Robert F. Scotti /
DATE SIGNED:	09/24/2019

### **Total Attachments: 7**

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source=102593-01_Assignment#page7.tif	

U.S. Patent Appln. No. <u>16/577.585</u>

Attorney Docket No. 8904-102593-01

Filing Date <u>09/20/2019</u>

Client Docket No. P65573-US01

#### PARTIES TO THE ASSIGNMENT

#### Assignor(s):

Srinivasan Ramabadran 410 Terry Avenue North Seattle, WA 98109-5210

Hardeep Singh 410 Terry Avenue North Seattle, WA 98109-5210

Shanta Pavan Namburi 410 Terry Avenue North Seattle, WA 98109-5210

Andrei Tcarevskii 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

"TESTING FORWARDING STATES OF NETWORK DEVICES" (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

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U.S. Patent Appln. No. 16/577,585

Attorney Docket No. 8904-102593-01

Filing Date 09/20/2019

Client Docket No. P65573-US01

Title of Invention: TESTING FORWARDING STATES OF NETWORK DEVICES

Inventors: Srinivasan Ramabadran, Hardeep Singh, Shanta Pavan Namburi, Andrei Tcarevskii,

Klarquist Sparkman, LLP, associated with Customer No.  $\underline{126752}$ , to insert in the header above and

here in parentheses (U.S. Patent Application No.  $\underline{16/577,585}$ , filed  $\underline{09/20/2019}$ ) 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, 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

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U.S. Patent Appln. No. <u>16/577,585</u>

Attorney Docket No. 8904-102593-01

Filing Date <u>09/20/2019</u>

Client Docket No. P65573-US01

Title of Invention: TESTING FORWARDING STATES OF NETWORK DEVICES

Inventors: Srinivasan Ramabadran, Hardeep Singh, Shanta Pavan Namburi, Andrei Tcarevskii,

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.

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U.S. Patent Appln. No. <u>16/577,585</u>	Attorney Docket No. 8904-102593-01		
Filing Date <u>09/20/2019</u>	Client Docket No. P65573-US01		
Title of Invention: TESTING FORWARDING STATES OF NETWORK DEVICES			
Inventors: Srinivasan Ramabadran, Hardeep Singh, Shanta Pavan Namburi, Andrei Tcarevskii,			
<b><u>DECLARATION</u></b> As a below named inventor, I hereby declare to	hat:		
This declaration is directed to:			
igstyle igstyle igstyle igstyle the attached application; or			
United States Patent Application r	number filed on; or		
PCT International Application num	ber filed on		
The above-identified application was made of I believe that I am the original inventor or an application.	authorized to be made by me. original joint inventor of a claimed Invention in the		
I have reviewed and understand the contents acknowledge the duty to disclose to the US P me to be material to the patentability as defi	atent & Trademark Office all information known to		
I hereby acknowledge that any willful false st under 18 USC 1001 by fine or imprisonment of	atement made in this declaration is punishable of not more than five (5) years, or both.		
Srinivasan, Ramabadran/ Srinivasan Ramabadran September 19, 2019 Date			

Attorney Docket No. 8904-102593-01 U.S. Patent Appln. No. <u>16/577,585</u> Client Docket No. P65573-US01 Filing Date <u>09/20/2019</u> Title of Invention: TESTING FORWARDING STATES OF NETWORK DEVICES Inventors: Srinivasan Ramabadran, Hardeep Singh, Shanta Pavan Namburi, Andrei Tcarevskii, **DECLARATION** 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 \_\_\_\_\_. 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:

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Hardeep Singh

Date

September 16, 2019

Date

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

Attorney Docket No. 8904-102593-01 U.S. Patent Appln. No. <u>16/577,585</u> Client Docket No. P65573-US01 Filing Date <u>09/20/2019</u> Title of Invention: TESTING FORWARDING STATES OF NETWORK DEVICES Inventors: Srinivasan Ramabadran, Hardeep Singh, Shanta Pavan Namburi, Andrei Tcarevskii, **DECLARATION** 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 \_\_\_\_\_. 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. Shanta Pavan Namburi/\_\_\_\_ Shanta Pavan Namburi September 16, 2019

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U.S. Patent Appln. No.1 <u>6/577,58</u> 5	Attorney Docket No. 8904-102593-01	
Filing Date <u>09/20/201</u> 9	Client Docket No. P65573-US01	
Title of Invention: TESTING FORWARDING STATES OF NET	WORK DEVICES	
Inventors: Srinivasan Ramabadran, Hardeep Singh, Shanta	a Pavan Namburi, Andrei Tcarevskii,	
DECLARATION As a below named inventor, I hereby declare that:		
This declaration is directed to:		
igseleft the attached application; or		
United States Patent Application number	filed on; 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.		
Andrei Tcarevskii  17.09.2019  Date		

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PATENT REEL: 050469 FRAME: 0914

**RECORDED: 09/24/2019**