504807335 03/06/2018

PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT4854067

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Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GEORGY MACHULSKY	09/26/2017
NAFEA BSHARA	09/26/2017
NETANEL ISRAEL BELGAZAL	09/26/2017
EVGENY SCHMEILIN	09/25/2017
SAID BSHARA	09/25/2017

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:	15913786

CORRESPONDENCE DATA

Fax Number: (415)576-0300

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Correspondent Name: KILPATRICK TOWNSEND & STOCKTON LLP/ AMAZ

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Address Line 2: 1100 PEACHTREE STREET, SUITE 2800

Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER: 097307-1073075 (090910US)	
NAME OF SUBMITTER:	MELANIE J. HITCHCOCK
SIGNATURE:	/ Melanie J. Hitchcock /
DATE SIGNED:	03/06/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT 504807335 REEL: 045126 FRAME: 0017

Total Attachments: 8 source=1073075_ASG-DEC#page1.tif source=1073075_ASG-DEC#page2.tif source=1073075_ASG-DEC#page3.tif source=1073075_ASG-DEC#page4.tif source=1073075_ASG-DEC#page5.tif source=1073075_ASG-DEC#page6.tif source=1073075_ASG-DEC#page7.tif source=1073075_ASG-DEC#page8.tif

PATENT REEL: 045126 FRAME: 0018

U.S. Patent Appln. No. <u>15/099,543</u> Attorney Docket No. <u>097307-0972005 (090900US)</u>

Filing Date April 14, 2016 Client Docket No. P31387-US

Evgeny Schmeilin

Said Bshara

410 Terry Avenue North

Seattle, WA 98109-5210

PARTIES TO THE ASSIGNMENT

Assignor(s):

Georgy Machulsky 410 Terry Avenue North Seattle, WA 98109-5210

Nafea Bshara

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

Netanel Israel Belgazal 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
"PACKET QUEUEING FOR NETWORK DEVICE" (Invention) for which a non-provisional application
for United States Letters Patent (Application):

\boxtimes	was filed on April 14, 2016 and accorded U.S. Application No. 15/099,543; 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 Kilpatrick Townsend & Stockton LLP, associated with Customer No. 107508, to insert in the header above and here in parentheses (U.S. Patent Application No. 15/099,543, filed April 14, 2016) this application's U.S. application number and filing date, when known.

Page 1 of 8 PATENT

REEL: 045126 FRAME: 0019

U.S. Patent Appln. No. 15/099,543

Attorney Docket No. 097307-0972005 (090900US)

Filing Date April 14, 2016

Client Docket No. P31387-US

Title of Invention: PACKET QUEUEING FOR NETWORK DEVICE

Inventors: Georgy Machulsky, Nafea Bshara, Netanel Israel Belgazal, Evgeny Schmeilin, Said

Bshara

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(5) 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

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PATENT **REEL: 045126 FRAME: 0020**

U.S. Patent Appln. No. 15/099,543

Attorney Docket No. 097307-0972005 (090900US)

Filing Date April 14, 2016

Client Docket No. P31387-US

Title of Invention: PACKET QUEUEING FOR NETWORK DEVICE

Inventors: Georgy Machulsky, Nafea Bshara, Netanel Israel Belgazal, Evgeny Schmeilin, Said

Bshara

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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PATENT REEL: 045126 FRAME: 0021

U.S. Patent Appln. No. <u>15/099,543</u>	Attorney Docket No. <u>097307-0972005 (090900US)</u>
Filing Date <u>April 14, 2016</u>	Client Docket No. <u>P31387-US</u>
Title of Invention: PACKET QUEUEING FOR NE	TWORK DEVICE
Inventors: Georgy Machulsky , Nafea Bshara , Bshara	Netanel Israel Belgazal, Evgeny Schmeilin, Said
DECLARATION	
As a below named inventor, I hereby declare	that:
This declaration is directed to:	
the attached application; or	
United States Patent Application r	number <u>15/099,543</u> filed on <u>April 14, 2016</u> ; or
PCT International Application nun	nber filed on
The above-identified application was made or	
application.	original joint inventor of a claimed Invention in the
I have reviewed and understand the contents	of the above-identified application, and
acknowledge the duty to disclose to the US Pa	atent & Trademark Office all information known to
me to be material to the patentability as defi	ned in 37 CFR 1.56.
I hereby acknowledge that any willful false sta under 18 USC 1001 by fine or imprisonment o	atement made in this declaration is punishable of not more than five (5) years, or both.
DocuSigned by: / Georgy Madwsky/ Debc016302BC427 Georgy Machulsky	
September 26, 2017	
Date	

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U.S. Patent Appln. No. <u>15/099,543</u>	Attorney Docket No. <u>097307-0972005 (090900US)</u>
Filing Date <u>April 14, 2016</u>	Client Docket No. <u>P31387-US</u>
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PCT International Application num	nber filed on
The above-identified application was made or	
I believe that I am the original inventor or an application.	original joint inventor of a claimed Invention in the
I have reviewed and understand the contents	of the above-identified application, and
acknowledge the duty to disclose to the US Pa	atent & Trademark Office all information known to
me to be material to the patentability as defin	ned in 37 CFR 1.56.
I hereby acknowledge that any willful false sta under 18 USC 1001 by fine or imprisonment o	atement made in this declaration is punishable of not more than five (5) years, or both.
Nafea Bshara	
September 26, 2017	
Date	

Page 5 of 8

U.S. Patent Appln. No. <u>15/099,543</u>	Attorney Docket No. <u>097307-0972005 (090900US)</u>
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PCT International Application num	nberfiled an
200	r authorized to be made by me. original joint inventor of a claimed invention in the
application.	
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	atement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonment	of not more than five (5) years, or both.
Netanel Israel Belgazal	
9/8G/17 Date	

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U.S. Patent Appln. No. <u>15/099,543</u>	Attorney Docket No. <u>097307-0972005 (090900US)</u>
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The above-identified application was made or 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
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I hereby acknowledge that any willful false sta 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.
4	
Evgeny Schmeilin	
9/25/2017	
Date	

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U.S. Patent Appln. No. <u>15/099,543</u>	Attorney Docket No. <u>097307-0972005 (090900US)</u>
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× .	
The above-identified application was made o	r authorized to be made by me.
I believe that I am the original inventor or an application.	original joint inventor of a claimed Invention in the
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under 18 USC 1001 by fine or imprisonment of	of not more than five (5) years, or both.
Said Bshara	
J.25,2012	

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