PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATTHEW JOHN CAMPAGNA	01/21/2015

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:	16430003

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	0097749-383US2
NAME OF SUBMITTER:	TIMOTHY CHOU
SIGNATURE:	/Timothy Chou/
DATE SIGNED:	06/03/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 4

source=2019-06-03_P16500-US03CON_	0097749-383US2_	_Fully_Executed_Formals_	_Privileged_and_Confident	tal_#
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PATENT 505505931 REEL: 049350 FRAME: 0841

U.S. Application No. 16/430,003, filed on June 3, 2019

Continuation of U.S. Application No. 15/945,975, filed on April 5, 2018

Continuation of U.S. Application No. 14/568,071, filed on December 11, 2014

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Application No. 14/568,071

Filing Date: December 11, 2014

Attorney Docket No. 0097749-383US0

Client Docket No. P16500-US

PARTIES TO THE ASSIGNMENT

Assignor:

MATTHEW JOHN CAMPAGNA 410 Terry Avenue North Seattle, WA 98109-5210

Assignee:

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

recordation.

<u>AGREEMENT</u>

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "EFFICIENT USE OF KEYSTREAMS" (Invention) for which a non-provisional application for United States Letters Patent

was filed on December 11, 2014, and accorded U.S. Application No. 14/568,071; or will be filed concurrently with the submission of this executed PATENT ASSIGNMENT for

ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of Davis Wright Tremaine LLP, associated with Customer No. 113507, to insert in the header above and here in parentheses (U.S. Application No. 14/568,071, filed December 11, 2014) 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

Page 1 of 4

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Application No. 14/568,071

Attorney Docket No. 0097749-383US0

Filing Date: December 11, 2014

Client Docket No. P16500-US

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 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 said

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,

Page 2 of 4

REEL: 049350 FRAME: 0843

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Application No. 14/568,071

Attorney Docket No. 0097749-383US0

Filing Date: December 11, 2014

Client Docket No. P16500-US

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 the 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 our heirs, legal representatives,

administrators, and assigns.

CORRESPONDENCE ADDRESS

I hereby direct all correspondence and telephone calls in connection with this application be

addressed to the number associated with the customer number listed below, which is:

Customer No.

113507

Page 3 of 4

DWT 25534782v1 0097749-383US0

PATENT REEL: 049350 FRAME: 0844

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

Attorney Docket No. 0097749-383US0

U.S. Patent Application No. 14/568,071

RECORDED: 06/03/2019

Filing Date: December 11, 2014	Client Docket No. P16500-US
DECLARATION	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
United States application number <u>14/568,0</u>	71, filed on <u>December 11, 2014;</u> or
PCT international application number	filed on
The above-identified application was made or authorize	ed to be made by me.
I believe that I am the original inventor or an origi	nal joint inventor of a claimed invention in the
application.	
I have reviewed and understand the contents of the a	bove-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.	
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I hereby acknowledge that any willful false statement	t made in this declaration is punishable under 18
USC 1001 by fine or imprisonment of not more than fix	re (5) years, or both.
	•
Legal name of inventor:	
MATTHEW JOHN CAMPAGNA	WITNESSED BY:
Inventor Signature	Witness Signature
1/1/21/2015	Eic Daan
Date	Witness (Printed Name)
	-21, 20K
	Date

Page 4 of 4

DWT 25534782v1 0097749-383US0

PATENT

REEL: 049350 FRAME: 0845