#### 505834824 12/23/2019

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5881758

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
LON LUNDGREN	01/08/2016
RAMAN MITTAL	01/08/2016
STEFANO STEFANI	01/08/2016

#### **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:	14977453

#### **CORRESPONDENCE DATA**

**Fax Number:** (512)853-8801

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:** 512-853-8800

Email: mmoffitt@intprop.com
Correspondent Name: ROBERT C. KOWERT

Address Line 1: PO BOX 398

Address Line 4: AUSTIN, TEXAS 78767-0398

ATTORNEY DOCKET NUMBER:	6924-18900	
NAME OF SUBMITTER: ROBERT C. KOWERT		
SIGNATURE:	/Robert C. Kowert/	
DATE SIGNED:	12/23/2019	
This document serves as an Oath/Declaration (37 CFR 1.63).		

#### **Total Attachments: 9**

source=P27474-US-Assignment-Declaration#page1.tif source=P27474-US-Assignment-Declaration#page2.tif source=P27474-US-Assignment-Declaration#page3.tif

PATENT 505834824 REEL: 051355 FRAME: 0163

U.S. Patent Appln. No. <u>14/977,453</u>

Attorney Docket No. <u>6924-18900</u>

Filing Date December 21, 2015

Client Docket No. P27474-US

#### PARTIES TO THE ASSIGNMENT

Assignor(s):

YAN VALERIE LESHINSKY 410 Terry Avenue North Seattle, WA 98109-5210

**LON LUNDGREN** 410 Terry Avenue North Seattle, WA 98109-5210

Assignee: Amazon Technologies, Inc. PO Box 81226 Seattle, WA 98108-1226 RAMAN MITTAL

410 Terry Avenue North Seattle, WA 98109-5210

**STEFANO STEFANI** 410 Terry Avenue North Seattle, WA 98109-5210

#### **AGREEMENT**

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "CONTINUOUS BACKUP OF DATA IN A DISTRIBUTED DATA STORE" (Invention) for which a non-provisional application for United States Letters Patent (Application):

$\boxtimes$	was filed on <u>December 21, 2015</u> and accorded U.S. Application No. <u>14/977,453</u> ; 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 Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C, associated with Customer No. <u>136594</u>, to insert in the header above and here in parentheses (U.S. Patent Application No. <u>14/977,453</u>, filed December 21, 2015) 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.

Page 1 of 7

U.S. Patent Appln. No. 14/977,453

Attorney Docket No. 6924-18900

Filing Date <u>December 21, 2015</u>

Client Docket No. P27474-US

Title of Invention: CONTINUOUS BACKUP OF DATA IN A DISTRIBUTED DATA STORE

Inventors: YAN VALERIE LESHINSKY, LON LUNDGREN, RAMAN MITTAL, STEFANO STEFANI

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 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

Page 2 of 7

U.S. Patent Appln. No. 14/977,453

Attorney Docket No. 6924-18900

Filing Date December 21, 2015

Client Docket No. P27474-US

Title of Invention: CONTINUOUS BACKUP OF DATA IN A DISTRIBUTED DATA STORE

Inventors: YAN VALERIE LESHINSKY, LON LUNDGREN, RAMAN MITTAL, STEFANO STEFANI

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.

Page 3 of 7

U.S. Patent Appln. No. <u>14/977,453</u>	Attorney Docket No. <u>6924-18900</u>
Filing Date <u>December 21, 2015</u>	Client Docket No. <u>P27474-US</u>
Title of Invention: CONTINUOUS BACKUP OF DATA IN A DISTRIB	UTED DATA STORE
Inventors: YAN VALERIE LESHINSKY, LON LUNDGREN, RAMAN	I MITTAL, STEFANO STEFANI
DECLARATION	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
$igstyle$ United States Patent Application number $\underline{14/977.4}$	<u>53</u> filed on <u>December 21, 2015</u> ; or
PCT International Application number	filed on
The above-identified application was made or authorized to be	e made by me.
I believe that I am the original inventor or an original joint inveapplication.	entor of a claimed Invention in the
I have reviewed and understand the contents of the above-ide	entified application, and
acknowledge the duty to disclose to the US Patent & Tradema	rk Office all information known to
me to be material to the patentability as defined in 37 CFR 1.5	6.
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.
YAN VALERIE LESHINSKY	
Date	

U.S. Patent Appln. No. <u>14/977,453</u>	Attorney Docket No. <u>6924-18900</u>
Filing Date <u>December 21, 2015</u>	Client Docket No. <u>P27474-US</u>
Title of Invention: CONTINUOUS BACKUP OF DATA IN A	A DISTRIBUTED DATA STORE
Inventors: YAN VALERIE LESHINSKY, LON LUNDGREN	, RAMAN MITTAL, STEFANO STEFANI
DECLARATION	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
United States Patent Application number	<u>14/977,453</u> filed on <u>December 21, 2015</u> ; or
PCT International Application number	filed on
The above-identified application was made or authori	ized to be made by me.
I believe that I am the original inventor or an original application.	joint inventor of a claimed Invention in the
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	7 CFR 1.56.
I hereby acknowledge that any willful false statement under 18 USC 1001 by fine or imprisonment of not mo	·
Non lundgrens	
LON LUNDGREN	
January 8, 2016	
Date	

U.S. Patent Appln. No. <u>14/977,453</u>	Attorney Docket No. <u>6924-18900</u>
Filing Date <u>December 21, 2015</u>	Client Docket No. <u>P27474-US</u>
Title of Invention: <u>CONTINUOUS BACKUP OF DA</u>	TA IN A DISTRIBUTED DATA STORE
Inventors: YAN VALERIE LESHINSKY, LON LUNC	GREN, RAMAN MITTAL, STEFANO STEFANI
DECLARATION	
As a below named inventor, I hereby declare th	at:
This declaration is directed to:	
the attached application; or	
United States Patent Application nu	mber <u>14/977,453</u> filed on <u>December 21, 2015</u> ; or
PCT International Application numb	er filed on
The above-identified application was made or a	authorized to be made by me.
I believe that I am the original inventor or an or application.	riginal joint inventor of a claimed Invention in the
I have reviewed and understand the contents o	f the above-identified application, and
acknowledge the duty to disclose to the US Pat	ent & Trademark Office all information known to
me to be material to the patentability as define	ed in 37 CFR 1.56.
I hereby acknowledge that any willful false statunder 18 USC 1001 by fine or imprisonment of	·
/Raman Mittal/	
RAMAN MITTAL	
January 8, 2016	
Date	

U.S. Patent Appln. No. <u>14/977,453</u>	Attorney Docket No. <u>6924-18900</u>
Filing Date <u>December 21, 2015</u>	Client Docket No. <u>P27474-US</u>
Title of Invention: CONTINUOUS BACKUP C	OF DATA IN A DISTRIBUTED DATA STORE
Inventors: YAN VALERIE LESHINSKY, LON	LUNDGREN, RAMAN MITTAL, STEFANO STEFANI
DECLARATION	
As a below named inventor, I hereby declar	are that:
This declaration is directed to:	
$\square$ the attached application; or	
United States Patent Applicati	on number <u>14/977,453</u> filed on <u>December 21, 2015</u> ; or
PCT International Application	number filed on
The above-identified application was mad	le or authorized to be made by me.
I believe that I am the original inventor or application.	an original joint inventor of a claimed Invention in the
I have reviewed and understand the conte	ents of the above-identified application, and
acknowledge the duty to disclose to the U	JS Patent & Trademark Office all information known to
me to be material to the patentability as o	defined in 37 CFR 1.56.
under 18 USC 1001 by fine or imprisonme	e statement made in this declaration is punishable ent of not more than five (5) years, or both.
Stefano Stefani	
STEFANO STEFANI	
January 8, 2016	
Date	

PTO/AIA/02 (07-13)
Approved for use through 01/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)

Title of Invention	CONTINUOUS BACKUP OF DAT	A IN A DISTRIBUTED D	ATA	A STORE	
This stateme	ent is directed to:				
The att	ached application,				
OR					
<b>✓</b> United \$	States application or PCT international	application number	7,45	filed on	December 21, 2015
LEGAL NA	ME of inventor to whom this sub	stitute statement appli	ies:		
(E.g., Given	Name (first and middle (if any)) and Fa	amily Name or			
Surname) Y	an Valerie Leshinsky				
Residence (	except for a deceased or legally incapa	citated inventor):	1		
Kirklan City		WA State	Cou	USA Intry	
Mailing Addre	ss (except for a deceased or legally incapadore. N	citated inventor):			
Seattle City		WA State		98109 Zip	US Country
I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application.					
The above-identified application was made or authorized to be made by me.					
I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.					
Relationship to the inventor to whom this substitute statement applies:					
Legal Representative (for deceased or legally incapacitated inventor only),					
Assignee,					
Person to whom the inventor is under an obligation to assign,					
Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or					
Joint Inventor.					

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

REEL: 051355 FRAME: 0172

## **SUBSTITUTE STATEMENT**

Circumstances permitting execution of this substitute statement:			
Inventor is deceased,			
Inventor is under legal incapacity,			
Inventor cannot be found or reached after diligent effort, or			
Inventor has refused to execute the oath or declaration under 37 CFR 1.63.			
If there are joint inventors, please check the appropriate box below:			
An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted.			
<u>OR</u>			
An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1.64(b).			
WARNING:			
Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.			
PERSON EXECUTING THIS SUBSTITUTE STATEMENT:			
Coatt Haydan			
Scott Hayden Name:			Date (Optional):
/Scott Hayden/ Signature:			
APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:			
If the applicant is a juristic entity, list the applicant name and the title of the signer:  Amazon Technologies, Inc.			
Applicant Name:			
Title of Person Executing This Substitute Statement:  Vice President			
The signer, whose title is supplied above, is authorized to act on behalf of the applicant.  Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):			
Treestablice of the eigher (amode previous in an		on the state	,.
City	State	Country	
Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)			
City		Zip	Country
Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after diligent effort, or has refused to execute the oath or declaration under 37 CFR 1.63.			

[Page 2 of 2]