## 507514800 09/27/2022

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7561693

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
AARON ROTH	06/23/2021
SERGUL AYDORE	06/23/2021
WILLIAM BROWN	06/23/2021
MICHAEL KEARNS	06/24/2021
KRISHNARAM KENTHAPADI	06/23/2021
LUCA MELIS	06/28/2021
AMARESH ANKIT SIVA	06/23/2021

### **RECEIVING PARTY DATA**

Name:	AMAZON TECHNOLOGIES, INC.
Street Address:	PO BOX 81226
City:	SEATTLE
State/Country:	WASHINGTON
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### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17954260

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	110.1054-US-CON1
NAME OF SUBMITTER:	RICHARD TWILLEY
SIGNATURE:	/Richard Twilley/
DATE SIGNED:	09/27/2022

PATENT REEL: 061232 FRAME: 0067

507514800

This document serves as an Oath/Declaration (37 CFR 1.63).

#### **Total Attachments: 11**

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U.S. Patent Appln. No. <u>17/360,981</u> Filing Date <u>June 28, 202</u>1 Attorney Docket No. 110.1054-US Client Docket No. P73518-US02

## PARTIES TO THE ASSIGNMENT

### Assignor(s):

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

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

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

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

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

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

Amaresh Ankit Siva 410 Terry Avenue North Seattle, WA 98109-5210

#### Assignee:

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

U.S. Patent Appln. No. <u>17/360,981</u>

Filing Date June 28, 2021

Attorney Docket No. 110.1054-US Client Docket No. P73518-US02

Title of Invention: GENERATING RELAXED SYNTHETIC DATA USING ADAPTIVE PROJECTION

Inventors: Aaron Roth, Sergul Aydore, William Brown, Michael Kearns, Krishnaram Kenthapadi,

Luca Melis, Amaresh Ankit Siva,

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled

"GENERATING RELAXED SYNTHETIC DATA USING ADAPTIVE PROJECTION" (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 Athorus, PLLC, associated with Customer No. 136715, to insert in

the header above and here in parentheses (U.S. Patent Application No. 17/360,981)

filed June 28, 2021) 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

Page 2 of 11

U.S. Patent Appln. No. 17/360,981

Filing Date June 28, 2021

Attorney Docket No. 110.1054-US

Client Docket No. P73518-US02

Title of Invention: GENERATING RELAXED SYNTHETIC DATA USING ADAPTIVE PROJECTION

Inventors: Aaron Roth, Sergul Aydore, William Brown, Michael Kearns, Krishnaram Kenthapadi,

Luca Melis, Amaresh Ankit Siva,

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

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

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PATENT

REEL: 061232 FRAME: 0071

U.S. Patent Appln. No. <u>17/360,981</u>

Filing Date June 28, 2021

Attorney Docket No. 110.1054-US Client Docket No. P73518-US02

Title of Invention: GENERATING RELAXED SYNTHETIC DATA USING ADAPTIVE PROJECTION

Inventors: Aaron Roth, Sergul Aydore, William Brown, Michael Kearns, Krishnaram Kenthapadi,

Luca Melis, Amaresh Ankit Siva,

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 4 of 11

U.S. Patent Appln. No. 17/360,981 Attorney Docket No. 110.1054-US Client Docket No. P73518-US02 Filing Date June 28, 2021 Title of Invention: GENERATING RELAXED SYNTHETIC DATA USING ADAPTIVE PROJECTION Inventors: Aaron Roth, Sergul Aydore, William Brown, Michael Kearns, Krishnaram Kenthapadi, Luca Melis, Amaresh Ankit Siva, 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: Maron Roll Aaron Roth June 23, 2021 Date

U.S. Patent Appln. No. 17/360,981 Attorney Docket No. 110.1054-US Filing Date June 28, 2021 Client Docket No. P73518-US02 Title of Invention: GENERATING RELAXED SYNTHETIC DATA USING ADAPTIVE PROJECTION Inventors: Aaron Roth, Sergul Aydore, William Brown, Michael Kearns, Krishnaram Kenthapadi, Luca Melis, Amaresh Ankit Siva, 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. /Surgul Aydore/ Sergul Aydore June 23, 2021 Date

U.S. Patent Appln. No. <u>17/360,981</u> Attorney Docket No. 110.1054-US Filing Date June 28, 2021 Client Docket No. P73518-US02 Title of Invention: GENERATING RELAXED SYNTHETIC DATA USING ADAPTIVE PROJECTION Inventors: Aaron Roth, Sergul Aydore, William Brown, Michael Kearns, Krishnaram Kenthapadi, Luca Melis, Amaresh Ankit Siva, 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: Milliam Brown/ William Brown June 23, 2021 Date

U.S. Patent Appln. No. 17/360,981 Attorney Docket No. 110.1054-US Filing DateJune 28, 2021 Client Docket No. P73518-US02 Title of Invention: GENERATING RELAXED SYNTHETIC DATA USING ADAPTIVE PROJECTION Inventors: Aaron Roth, Sergul Aydore, William Brown, Michael Kearns, Krishnaram Kenthapadi, Luca Melis, Amaresh Ankit Siva, DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to:  $\square$  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: Michael Learns/ Michael Kearns June 24, 2021 Date

U.S. Patent Appln. No. <u>17/360,981</u> Filing Date <u>June 28, 202</u> 1	Attorney Docket No. 110.1054-L Client Docket No. P73518-US0	
Title of Invention: GENERATING RELAXED	SYNTHETIC DATA USING ADAPTIVE PROJECTION	
Inventors: Aaron Roth, Sergul Aydore, Wil Luca Melis, Amaresh Ankit Siva,	lliam Brown, Michael Kearns, Krishnaram Kenthapadi,	
<u>DECLARATION</u> As a below named inventor, I hereby declar	re that:	
This declaration is directed to:		
igstyle igstyle igstyle the attached application; or		
United States Patent Application	on number filed on; or	
PCT International Application n	number filed on,	
The above-identified application was made	or authorized to be made b <b>y</b> me.	
I believe that I am the original inventor or a application.	an original joint inventor of a claimed Invention in the	
I have reviewed and understand the conte	nts of the above-identified application, and acknowledge	
the duty to disclose to the US Patent & Trace	demark Office all information known to me to be	
material to the patentability as defined in 3	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 no	ot more than five (5) years, or both.	
/Erishnaram kenthapadi/		
Krishnaram Kenthapadi		
June 23, 2021		
Date		

U.S. Patent Appln. No. 17/360,981 Attorney Docket No. 110.1054-US Filing Date June 28, 2021 Client Docket No. P73518-US02 Title of Invention: GENERATING RELAXED SYNTHETIC DATA USING ADAPTIVE PROJECTION Inventors: Aaron Roth, Sergul Aydore, William Brown, Michael Kearns, Krishnaram Kenthapadi, Luca Melis, Amaresh Ankit Siva, 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: Mura Melis/ Luca Melis June 28, 2021 Date

**RECORDED: 09/27/2022** 

# PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. <u>17/360,981</u> Filing Date <u>June 28, 202</u> 1		Attorney Docket No. 110.1054-US Client Docket No. P73518-US02		
Title of Invention: GENERATING RELAXED	SYNTHETIC DAT	A USING ADAPTIVE P	ROJECTION	
Inventors: Aaron Roth, Sergul Aydore, Wi Luca Melis, Amaresh Ankit Siva,	illiam Brown, <b>M</b> i	chael Kearns, Krishna	ıram Kenthapadi,	
DECLARATION As a below named inventor, I hereby decla	re that:			
This declaration is directed to:				
igstyle igstyle igstyle the attached application; or				
United States Patent Application	on number	filed on	; or	
PCT International Application	number	filed on		
The above-identified application was made	e or authorized to	o be made by me.		
I believe that I am the original inventor or application.	an original joint i	nventor of a claimed I	nvention in the	
I have reviewed and understand the conte	nts of the above	-identified application	, and acknowledge	
the duty to disclose to the US Patent & Tra	demark Office a	ll information kno <b>w</b> n t	o me to be	
material to the patentability as defined in 37 CFR 1.56.				
I hereby acknowledge that any willful false	statement mad	e in this declaration is	punishable under	
18 USC 1001 by fine or imprisonment of no	ot more than five	e (5) years, or both.		
Docusigned by:  / Amarish Ankit Siva/				
Amaresh Ankit Siva				
June 23, 2021				
Date				

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