506165857 07/22/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6212594

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDREW J. BRADLEY	06/09/2018
ANDREW DOUGLAS BIRKETT	06/08/2018
ANIRUDH DASTIDAR	06/10/2018
FRED GROSSMANN	07/27/2017
ANTHONY RICHARD MCBRYAN	06/07/2018
SEBASTIANO MERLINO	06/07/2018

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:	15457481

CORRESPONDENCE DATA

Fax Number: (404)853-8806

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: 404-853-8000

Email: amazonpatents@eversheds-sutherland.us EVERSHEDS SUTHERLAND (US) LLP **Correspondent Name:**

999 PEACHTREE STREET NE Address Line 1:

Address Line 2: **SUITE 2300**

Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER:	25396-0698
NAME OF SUBMITTER:	MICHELLE STANISLO
SIGNATURE:	/Michelle Stanislo/
DATE SIGNED:	07/22/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

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REEL: 053278 FRAME: 0504

Total Attachments: 9 source=P36113_US_25396_0698_Formals_As_filed#page1.tif source=P36113_US_25396_0698_Formals_As_filed#page2.tif source=P36113_US_25396_0698_Formals_As_filed#page3.tif source=P36113_US_25396_0698_Formals_As_filed#page4.tif source=P36113_US_25396_0698_Formals_As_filed#page5.tif source=P36113_US_25396_0698_Formals_As_filed#page6.tif source=P36113_US_25396_0698_Formals_As_filed#page7.tif source=P36113_US_25396_0698_Formals_As_filed#page8.tif source=P36113_US_25396_0698_Formals_As_filed#page9.tif

U.S. Patent Appln. No. <u>15/457,481</u>

Attorney Docket No. <u>25396-0698</u>

Filing Date March 13, 2017

Client Docket No. P36113-US

PARTIES TO THE ASSIGNMENT

Assignor(s):

Andrew J. Bradley 410 Terry Avenue North Seattle, WA 98109-5210

Andrew Douglas Birkett 410 Terry Avenue North Seattle, WA 98109-5210

Anirudh Dastidar 410 Terry Avenue North Seattle, WA 98109-5210 **Fred Grossmann** 410 Terry Avenue North Seattle, WA 98109-5210

Anthony Richard McBryan 410 Terry Avenue North Seattle, WA 98109-5210

Sebastiano Merlino 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 "FILTERING DATA WITH PROBABILISTIC FILTERS FOR CONTENT SELECTION" (Invention) for which a non-provisional application for United States Letters Patent (Application):

\bowtie	was filed on March 13, 2017 and accorded U.S. Application No. 15/457,481; 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 Eversheds Sutherland LLP, associated with Customer No. 126647, to insert in the header above and here in parentheses (U.S. Patent Application No. 15/457,481, filed March 13, 2017) this application's U.S. application number and filing date, when known.

U.S. Patent Appln. No. 15/457,481

Attorney Docket No. 25396-0698

Filing Date March 13, 2017

Client Docket No. P36113-US

Title of Invention: FILTERING DATA WITH PROBABILISTIC FILTERS FOR CONTENT SELECTION

Inventors: Andrew J. Bradley, Andrew Douglas Birkett, Anirudh Dastidar, Fred Grossmann, Anthony

Richard McBryan, Sebastiano Merlino,

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

instruments and documents required for the making and prosecution of applications for United States

Page 2 of 9

U.S. Patent Appln. No. 15/457,481

Attorney Docket No. 25396-0698

Filing Date March 13, 2017

Client Docket No. P36113-US

Title of Invention: FILTERING DATA WITH PROBABILISTIC FILTERS FOR CONTENT SELECTION

Inventors: Andrew J. Bradley, Andrew Douglas Birkett, Anirudh Dastidar, Fred Grossmann, Anthony

Richard McBryan, Sebastiano Merlino,

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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J.S. Patent Appln. No. <u>15/457,481</u>	Attorney Docket No. <u>25396-0698</u>
Filing Date March 13, 2017	Client Docket No. <u>P36113-US</u>
Fitle of Invention: FILTERING DATA WITH	PROBABILISTIC FILTERS FOR CONTENT SELECTION
nventors: Andrew J. Bradley, Andrew D Richard McBryan, Sebastiano Merlino,	Oouglas Birkett, Anirudh Dastidar, Fred Grossmann, Anthony
<u>DECLARATION</u>	
As a below named inventor, I hereby dec	lare that:
This declaration is directed to:	
the attached application; or	
United States Patent Applicat	cion number <u>15/457,481</u> filed on <u>March 13, 2017</u> ; or
PCT International Application	number
application. have reviewed and understand the cont	r an original joint inventor of a claimed Invention in the tents of the above-identified application, and acknowledge the emark Office all information known to me to be material to the
hereby acknowledge that any willful fals	se statement made in this declaration is punishable under 18 more than five (5) years, or both.
/Andrew Bradley/2F6DB385C4D043B Andrew J. Bradley	
June 9, 2018	
Date	

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U.S. Patent Appln. No. <u>15/457,481</u>	Attorney Docket No. <u>25396-0698</u>
Filing Date <u>March 13, 2017</u>	Client Docket No. <u>P36113-US</u>
Title of Invention: <u>FILTERING DATA WITH</u>	PROBABILISTIC FILTERS FOR CONTENT SELECTION
Inventors: Andrew J. Bradley , Andrew D Richard McBryan, Sebastiano Merlino,	Oouglas Birkett, Anirudh Dastidar, Fred Grossmann, Anthony
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As a below named inventor, I hereby dec	lare that:
This declaration is directed to:	
the attached application; or	
United States Patent Applicat	tion number <u>15/457,481</u> filed on <u>March 13, 2017</u> ; or
PCT International Application	number
The above-identified application was ma	de or authorized to be made by me.
I believe that I am the original inventor o	r an original joint inventor of a claimed Invention in the
application.	
I have reviewed and understand the cont	tents of the above-identified application, and acknowledge the
duty to disclose to the US Patent & Trade	emark Office all information known to me to be material to the
patentability as defined in 37 CFR 1.56.	
I harahy acknowladga that any willful fal	se statement made in this declaration is punishable under 18
USC 1001 by fine or imprisonment of not	·
ose 1001 by fille of imprisoriment of flot	Thore than five (5) years, or both.
DocuSigned by:	
Andrew Birkett	
64604083FB30482	
Andrew Douglas Birkett	
June 8, 2018	
Date	

Page 5 of 9

Filing Date March 13, 2017 Title of Invention: FILTERING DATA WITH PROBABILISTIC FILTERS FOR CO	
Inventors: Andrew J. Bradley, Andrew Douglas Birkett, Anirudh Dast	
· · · · · · · · · · · · · · · · · · ·	idar, Fred Grossmann, Anthony
Richard McBryan, Sebastiano Merlino,	
<u>DECLARATION</u>	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
$igoreal{igoreal}$ United States Patent Application number <u>15/457,481</u> filed	on <u>March 13, 2017</u> ; or
PCT International Application number	filed on
The above-identified application was made or authorized to be made l	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 a	application, and acknowledge the
duty to disclose to the US Patent & Trademark Office all information k patentability as defined in 37 CFR 1.56.	nown to me to be material to the
I hereby acknowledge that any willful false statement made in this dec	claration is punishable under 18
USC 1001 by fine or imprisonment of not more than five (5) years, or b	ooth.
Docusigned by: // Nimulu Pastidar/ 63A8C77C54A741D	
Anirudh Dastidar	
June 10, 2018	
Date	

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U.S. Patent Appln. No. <u>15/457,481</u>	Attorney Docket No. <u>25396-0698</u>
Filing Date March 13, 2017	Client Docket No. <u>P36113-US</u>
Title of invention: FILTERING DATA WITH PROBABILISTIC FILTERS FOR C	CONTENT SELECTION
Inventors: Andrew J. Bradley , Andrew Douglas Birkett, Anirudh Das Richard McBryan, Sebastiano Merlino,	tidar, Fred Grossmann, Anthony
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I hereby acknowledge that any willful false statement made in this de USC 1001 by fine or imprisonment of not more than five (5) years, or l	
Fred Government	
Fred Grossmann	
2047-07-2 7 Date	

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U.S. Patent Appln. No. <u>15/457,481</u>	Attorney Docket No. <u>25396-0698</u>
Filing Date <u>March 13, 2017</u>	Client Docket No. <u>P36113-US</u>
Title of Invention: <u>FILTERING DATA WITH</u>	PROBABILISTIC FILTERS FOR CONTENT SELECTION
Inventors: Andrew J. Bradley , Andrew D Richard McBryan, Sebastiano Merlino,	ouglas Birkett, Anirudh Dastidar, Fred Grossmann, Anthony
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patentability as defined in 37 CFR 1.56. I hereby acknowledge that any willful fals USC 1001 by fine or imprisonment of not	se statement made in this declaration is punishable under 18 more than five (5) years, or both.
Docusigned by: //Inflowy McBryan/ E903CCF3600C477 Anthony Richard McBryan	
June 7, 2018	
Date	

Page 8 of 9

RECORDED: 07/22/2020

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

Attorney Docket No. <u>25396-0698</u>
Client Docket No. <u>P36113-US</u>
R CONTENT SELECTION
astidar, Fred Grossmann, Anthony
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filed on
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declaration is punishable under 18
or both.

Page 9 of 9