504587305 10/10/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4634017

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GIOVANNI ZAPPELLA	08/07/2017

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:	14657915

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	SPARC.1075A	
NAME OF SUBMITTER:	LAUREN E. HOCKETT	
SIGNATURE:	/Lauren Hockett/	
DATE SIGNED:	10/10/2017	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 5

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> **PATENT REEL: 043825 FRAME: 0875**

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PATENT REEL: 043825 FRAME: 0876

U.S. Patent App. No. 14/657,915

Attorney Docket No. SPARC.1075A

Filing Date March 13, 2015

Client Docket No. P21378

PARTIES TO THE ASSIGNMENT

application number and filing date, when known.

Assignor(s):

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

Assignee:

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

AGREEMENT

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

"DATA MINING SYSTEM FOR ASSESSING PAIRWISE ITEM SIMILARITY" (Invention) for which a
non-provisional application for United States Letters Patent

| was filed on March 13, 2015 and accorded U.S. application no. 14/657,915; 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

Knobbe, Martens, Olson & Bear, LLP, associated with Customer No. 20,995, to insert in the header above
and here in parentheses (U.S. application no. 14/657,915, filed March 13, 2015) this application's U.S.

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;

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Filing Date March 13, 2015

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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 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.

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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,

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.

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Filing Date March 13, 2015

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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.

20,995

U.S. Patent App. No. <u>14/657.915</u>	Attorney Docket No. SPARC, 1075A
Filing Date March 13, 2015	Client Docket No. P21378
DECLARATION	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
☑ United States application number 14/657,915 filed of	on March 13, 2015; 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 invent	or of a claimed Invention in the application.
I have reviewed and understand the contents of the above-identi to disclose to the US Patent & Trademark Office all inform patentability as defined in 37 CFR 1.56.	
I hereby acknowledge that any willful false statement made in the 1001 by fine or imprisonment of not more than five (5) years, o	
GIONANNI ZAPPELLA JOLA	

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RECORDED: 10/10/2017