PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3683369

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------------------------|----------------|
| KRISHNAMURTHY KODUVAYUR VISWANATHAN | 10/15/2015 |
| DEBPRAKASH PATNAIK | 10/29/2015 |

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: | 14866694 |

CORRESPONDENCE DATA

Fax Number:

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.

Email: jewilson@kilpatricktownsend.com

Correspondent Name: KILPATRICK TOWNSEND & STOCKTON LLP

Address Line 1: 1420 FIFTH AVENUE

Address Line 2: SUITE 3700

Address Line 4: SEATTLE, WASHINGTON 98101

| ATTORNEY DOCKET NUMBER: | 090204-0950651 (P25865US) |
|-------------------------|--|
| NAME OF SUBMITTER: | JESSICA WILSON |
| SIGNATURE: | /Jessica Wilson/ |
| DATE SIGNED: | 01/06/2016 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

Total Attachments: 5

source=2015-10-29 P25865-US (090204-0950651 (P25865-US)) Executed Combined Assignment and Declaration#page1.tif

source=2015-10-29 P25865-US (090204-0950651 (P25865-US)) Executed Combined Assignment and Declaration#page2.tif

PATENT REEL: 037420 FRAME: 0311

503636738

source=2015-10-29 P25865-US (090204-0950651 (P25865-US)) Executed Combined Assignment and Declaration#page3.tif

source=2015-10-29 P25865-US (090204-0950651 (P25865-US)) Executed Combined Assignment and Declaration#page4.tif

source=2015-10-29 P25865-US (090204-0950651 (P25865-US)) Executed Combined Assignment and Declaration#page5.tif

PATENT REEL: 037420 FRAME: 0312

U.S. Patent Appln. No.: 14/866,694 Filing Date: September 25, 2015 Attorney Docket No.: 090204-0950651 (P25865US)

Client Docket No.: P25865-US

PARTIES TO THE ASSIGNMENT

Assignor(s):

KRISHNAMURTHY KODUVAYUR VISWANATHAN

410 Terry Avenue North Seattle, WA 98109-5210

DEBPRAKASH PATNAIK

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

"EXTRACTING PRODUCT FACETS FROM UNSTRUCTURED DATA" (Invention) for which a non-provisional application for United States Letters Patent

| was filed on September 25, 2015 and accorded U.S. application no. 14/866,694; 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 <u>Kilpatrick Townsend & Stockton LLP</u>, associated with Customer No. <u>107508</u> to insert in the header above and here in parentheses (U.S. application no. <u>14/866,694</u>, filed <u>September 25, 2015</u>) 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 5

U.S. Patent Appln. No.: 14/866,694 Filing Date: September 25, 2015

Attorney Docket No.: 090204-0950651 (P25865US)

Client Docket No.: P25865-US

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is

hereby acknowledged, ASSIGNOR(S) hereby self, 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 ASSIGNEF, 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

Page 2 of 5

PATENT

U.S. Patent Appln. No.: 14/866,694 Filing Date: September 25, 2015

Attorney Docket No.: 090204-0950651 (P25865US) Client Docket No.: P25865-US

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.

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.

107508

Page 3 of 5

PATENT REEL: 037420 FRAME: 0315

Attorney Docket No.: 090204-0950651 (P25865US) Client Docket No.: P25865-US

U.S. Patent Appln. No.: 14/866,694 Filing Date: September 25, 2015

DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or [X] United States application number 14/866,694 filed on September 25, 2015; or PCT international application number filed on . The above-identified application was made or authorized to be made by me. Lbelieve 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. Legal name of inventor: KRISHNAMURTHY KODUVAYUR VISWANATHAN WITNESSED BY: Inventor Signature Witness Signature Date Witness (Printed Name) Oct. 15/2015 Date

Attorney Docket No.: 090204-0950651 (P25865US) Client Docket No.: P25865-US

U.S. Patent Appln. No.: 14/866,694 Filing Date: <u>September 25, 2015</u>

DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or United States application number 14/866,694 filed on September 25, 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 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. Legal name of inventor: **DEBPRAKASH PATNAIK** WITNESSED BY: Inventor Signature Witness Signature Witness (Printed Name) Date

Page 5 of 5