505434674 04/18/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5481474

Stylesheet Version v1.2

SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALEXANDER KAGOSHIMA	04/18/2019
KAI LONDENBERG	04/14/2019
FANG XU	04/18/2019

RECEIVING PARTY DATA

Name:	SEARCHMETRICS GMBH
Street Address:	GREIFSWALDER STRASSE 212
City:	BERLIN
State/Country:	GERMANY
Postal Code:	D-10405

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15337268

CORRESPONDENCE DATA

Fax Number: (248)292-2910

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: 2482922920

Email: lujkaj@patentco.com

Correspondent Name: DANIELA M. THOMPSON-WALTERS

Address Line 1: 29 W. LAWRENCE STREET Address Line 4: PONTIAC, MICHIGAN 48342

ATTORNEY DOCKET NUMBER:	1997.003US
NAME OF SUBMITTER:	DANIELA M. THOMPSON-WALTERS
SIGNATURE:	/Daniela M. Thompson-Walters/
DATE SIGNED:	04/18/2019

Total Attachments: 3

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PATENT 505434674 REEL: 048927 FRAME: 0620

COMBINED DECLARATION & ASSIGNMENT

Title of Invention: DETERMINATION OF CONTENT SCORE

As the below named inventor, I hereby declare that:

This declaration is directed to:

☑ The United States Application Number 15/337,268 filed on October 28, 2016.

The above-identified application was made or authorized to be made by me.

I believe that I am an original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT OF INVENTION: In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR: hereby sell, assign and transfer to

ASSIGNEE:

Alexander Kagoshima Knobelsdorffstrasse 34 Berlin, D-14059 Germany Nationality: DE

Searchmetrics GmbH Greifswalder Strasse 212 Berlin, D-10405 Germany

State or Country of Formation: DE

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and any foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the above-referenced application 15/337,268 filed on October 28, 2016, including the right to claim priority in the United States or in any foreign countries, (the entire right, title and interest in each such application are also hereby sold, assigned and transferred to Assignee to the extent not already done so); and, in and to, all Letters Patent to be obtained for said invention by the above-referenced application or any continuation, continuation-in-part, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof, including any and all rights to sue for past damages. ASSIGNOR hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment. ASSIGNOR further coverant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said United States application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes thereof.

inventor's Signature:	A.V.	Residence:	Berlin, Germany
-	Alexander Kågoshima	Post Office Address:	Knobelsdorffstrasse 34
Date:	April 1874, 2019		Berlin, D-14059 Germany
Citizenship: DE			
	SUBSCRIBING WITNESS AFFIDAVIT	OF EXECUTION OF AN ASSI	GNMENT
l,			
Whose full post offic			,
	Street, City, Postal Code, Co	untry	·
Make cath and say to be the inventor na Signed at:	hat I was personally present and did see med in the attached assignment, duly sign and	who is execute the same for the purp	s personally known or identified to me oses therein stated.
On this	day of, 2019		

Subscribing Witness

PATENT REEL: 048927 FRAME: 0621

COMBINED DECLARATION & ASSIGNMENT

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ASSIGNOR: hereby sell, assign and transfer to

ASSIGNEE:

Kai Londenberg Hohensteinweg 8 Hannover, D-30419 Searchmetrics GmbH Greifswalder Strasse 212 Berlin, D-10405

Residence:

Germany

Germany Nationality: DE

State or Country of Formation: DE

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and any foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the above-referenced application 15/337,268 filed on October 28, 2016, including the right to claim priority in the United States or in any foreign countries, (the entire right, title and interest in each such application are also hereby sold, assigned and transferred to Assignee to the extent not already done so); and, in and to, all Letters Patent to be obtained for said invention by the above-referenced application or any continuation, continuation-in-part, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof, including any and all rights to sue for past damages. ASSIGNOR hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment. ASSIGNOR further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said United States application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes thereof.

Inventor's	11 - 0 1 1 -	Residence:	Hannover, Germany
Signature:	Kai Londenberg	Post Office Address:	Hohensteinweg 8
Date:	14.4.2019		Hannover, D-30419 Germany
Citizenship: DE			
	SUBSCRIBING WITNESS AFF	IDAVIT OF EXECUTION OF AN ASS	GNMENT
1,			
Whose full post off	ice address is:		
· ·	Street, City, Postal C	Code, Country	
	y that I was personally present and did se named in the attached assignment, duly s		s personally known or identified to me oses therein stated.
On this	day of2	2019	

Subscribing Witness

PATENT REEL: 048927 FRAME: 0622

Hannover, Germany

COMBINED DECLARATION & ASSIGNMENT

Title of Invention: DETERMINATION OF CONTENT SCORE

As the below named inventor, I hereby declare that:

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ASSIGNMENT OF INVENTION: In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR: hereby sell, assign and transfer to **ASSIGNEE:**

Fang Xu Leibnizstrasse 14 Berlin, D-10625 Germany Nationality: DE Searchmetrics GmbH Greifswalder Strasse 212 Berlin, D-10405 Germany

State or Country of Formation: DE

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and any foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the above-referenced application 15/337,268 filed on October 28, 2016, including the right to claim priority in the United States or in any foreign countries, (the entire right, title and interest in each such application are also hereby sold, assigned and transferred to Assignee to the extent not already done so); and, in and to, all Letters Patent to be obtained for said invention by the above-referenced application or any continuation, continuation-in-part, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof, including any and all rights to sue for past damages. ASSIGNOR hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment. ASSIGNOR further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said United States application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes thereof.

Inventor's Signature:	fang c	Du	Residence:	Berlin, Germany
oignature.	Fang Xu		Post Office Address:	
Date:	18 April 2019			Berlin, D-10625 Germany
Citizenship: DE				
	SUBSCRIBI	NG WITNESS AFFIDAVIT	OF EXECUTION OF AN AS	SIGNMENT
Ι,				
Whose full post offic				
	8	Street, City, Postal Code, Co	untry	
to be the inventor n	amed in the attached	present and did see assignment, duly sign and	execute the same for the pu	o is personally known or identified to me rposes therein stated.
On this	day of	, 2019		
		Subscribing W	itness	

PATENT REEL: 048927 FRAME: 0623

RECORDED: 04/18/2019