

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5171057

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CESAR SALGADO	02/26/2018
GUSTAVO MARQUES NETTO	02/26/2018
LEONARDO FERNANDO MOURA	02/26/2018
RODRIGO AUGUSTO BOOS	02/26/2018
RECEIVING PARTY DATA	
Name:	SAP SE
Street Address:	DIETMAR-HOPP-ALLEE 16
City:	WALLDORF
State/Country:	GERMANY
Postal Code:	69190
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	62597668
Application Number:	15906652
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
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Correspondent Name:	STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
Address Line 1:	1100 NEW YORK AVE., N.W.
Address Line 4:	WASHINGTON, D.C. 20005
ATTORNEY DOCKET NUMBER:	1933.4460000 - 1933.44600
NAME OF SUBMITTER:	TODD THURHEIMER
SIGNATURE:	/Todd C. Thurheimer#76,231/
DATE SIGNED:	10/03/2018
Total Attachments: 4	
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Attorney Dkt. No. / 171255US02 / 1933.4460001

ASSIGNMENT

For valuable consideration, I, **Cesar Saigado**,

hereby assign to

SAP SE, a corporation of Europe having a place of business at Dietmar-Hopp-Allee 16, 69190 Walldorf, Germany

and its successors, and assigns (collectively, the ASSIGNEE) my entire right, title and interest throughout the world in the inventions and improvements in a patent document entitled:

AGGLOMERATIVE ALGORITHM FOR GRAPH CLUSTERING

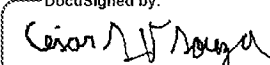
which is found in the:

US patent application filed on:

under Application No.

I authorize and request the attorneys of record or the attorney filing the application to insert into this assignment the filing date and serial number of the application when known. This assignment includes the foregoing patent application or patent, as well as continuations and divisionals of said application, all legal equivalents in any country, and all patents issuing from such legal equivalents; all patents, utility models, and design registrations granted by any jurisdiction for any of said inventions and improvements; and the right to claim priority based on the filing date of the foregoing patent application or patent under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements. I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with this assignment. I hereby state and agree that no assignment, sale, agreement, or encumbrance has been or will be made or entered into that would conflict with this assignment. I further agree for myself and my heirs, legal representatives, and assigns to provide to the Assignee promptly upon its request and at its expense all pertinent facts and documents relating to any of said inventions and improvements or said patents and legal equivalents as may be known and accessible to me and to testify as to the same in any interference, litigation, or proceeding relating thereto; and I agree promptly to perform such lawful acts and to sign such further applications, assignments, statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Inventor's Signature:

DocuSigned by:

5504B4702EDA441...
Cesar Saigado

2/26/2018

Attorney Dkt. No. / 171255US02 / 1933.4460001

ASSIGNMENT

For valuable consideration, I, **Gustavo Marques Netto**,

hereby assign to

SAP SE, a corporation of Europe having a place of business at Dietmar-Hopp-Allee 16, 69190 Walldorf, Germany

and its successors, and assigns (collectively, the ASSIGNEE) my entire right, title and interest throughout the world in the inventions and improvements in a patent document entitled:

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Inventor's Signature:

DocuSigned by:
Gustavo Marques Netto
4D0ACF4F8249459...
Gustavo Marques Netto

2/26/2018

Attorney Dkt. No. / 171255US02 / 1933.4460001

ASSIGNMENT

For valuable consideration, I, **Leonardo Fernando Moura**,

hereby assign to

SAP SE, a corporation of Europe having a place of business at Dietmar-Hopp-Allee 16, 69190 Walldorf, Germany

and its successors, and assigns (collectively, the ASSIGNEE) my entire right, title and interest throughout the world in the inventions and improvements in a patent document entitled:

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Inventor's Signature:

DocuSigned by:
Leonardo Fernando dos Santos Moura 2/26/2018
AD98F536F06E4E4
Leonardo Fernando Moura

Attorney Dkt. No. / 171255US02 / 1933.4460001

ASSIGNMENT

For valuable consideration, I, **Rodrigo Augusto Boos**,

hereby assign to

SAP SE, a corporation of Europe having a place of business at Dietmar-Hopp-Allee 16, 69190 Walldorf, Germany

and its successors, and assigns (collectively, the ASSIGNEE) my entire right, title and interest throughout the world in the inventions and improvements in a patent document entitled:

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Inventor's Signature:

DocuSigned by:
Rodrigo Augusto Scheller Boos 2/26/2018
DC54E9CC20604D9...
Rodrigo AUGUSTO BOOS