504605046 10/20/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4651758

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER TRUDEAU	10/13/2017
JOHN DIETZ	10/13/2017
AMANDA CASARI	10/17/2017
RICHARD PUCKETT	10/20/2017

RECEIVING PARTY DATA

Name:	SAP SE	
Street Address:	DIETMAR-HOPP-ALLEE 16	
City:	WALLDORF	
State/Country:	GERMANY	
Postal Code:	69190	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15789928

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.

Phone: 408-244-6319

Email: docketing@fountainheadlaw.com

Correspondent Name: FOUNTAINHEAD LAW GROUP P.C. CHAD R. WALS

Address Line 1: 900 LAFAYETTE STREET

Address Line 2: SUITE 301

Address Line 4: SANTA CLARA, CALIFORNIA 95050

ATTORNEY DOCKET NUMBER:	000005-065200US	
NAME OF SUBMITTER:	LAM P. DOAN	
SIGNATURE:	/Lam P. Doan/	
DATE SIGNED:	10/20/2017	

Total Attachments: 4

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PATENT REEL: 043918 FRAME: 0027

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PATENT REEL: 043918 FRAME: 0028

ASSIGNMENT

For valuable consideration, I, Christopher Trudeau,

hereby assign to

SAPSE, 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:

Message Processing For Goud Computing Applications

which is found in the:

USpatent application filed: October 20, 2017

on under Application No. 15/789,928

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. Thereby 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: 10/13/2017

Christopher Trudeau 10/13/2017

ASSIGNMENT

For valuable consideration, I, John Dietz,

hereby assign to

SAPSE, 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:

| Down Dietz | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/2017 | 10/13/

ASSIGNMENT

For valuable consideration, I, Amanda Casari,

hereby assign to

SAPSE, 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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which is found in the:

USpatent application filed: October 20, 2017

on under Application No. 15/789,928

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Inventor's Signature:

| lmanda (asari | 10/17/2017 |
| Amanda Casari | 10/17/2017 |

PATENT REEL: 043918 FRAME: 0031

ASSIGNMENT

For valuable consideration, I, Fichard Puckett,

hereby assign to

SAPSE, 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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RECORDED: 10/20/2017

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> PATENT REEL: 043918 FRAME: 0032