PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THEODOR FOERSTER	08/05/2019
TOM KIEMES	07/24/2019
MARKUS WINKLER	07/24/2019
STEFAN WEIDEMUELLER-SCHMIDT	07/24/2019
PHILIP TRANSFELD	08/21/2019

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:	16525760

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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: (214) 747-5070 **Email:** APSI@fr.com

Correspondent Name: FISH & RICHARDSON P.C.

Address Line 1: P.O. BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	22135-1423001
NAME OF SUBMITTER:	CANDICE R. ROCKETT
SIGNATURE:	/Candice R. Rockett/
DATE SIGNED:	08/21/2019

Total Attachments: 5

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PATENT REEL: 050120 FRAME: 0260

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<u>ASSIGNMENT</u>

For valuable consideration, I, Theodor Foerster,

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:

SUPPORTING REPORTABILITY OF INTERNET OF THINGS (IOT) DATA IN THE CLOUD FOR ENTERPRISE CONTEXTS

which is found in the:

US patent application filed on: July 30, 2019

under Application No. 16/525,760

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.

ASSIGNMENT

For valuable consideration, I, Tom Kiemes,

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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	DocuSigned by:	
Inventor's Signature:	tom kiemes	7/24/2019
	Tom Kiemes	

ASSIGNMENT

For valuable consideration, I, Markus Winkler,

hereby assign to

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	, 200magnon 2,1	
Inventor's Signature:	Markus Winkler	7/24/2019
	Markus Winkler	

DocuSigned by

<u>ASSIGNMENT</u>

For valuable consideration, I, Stefan Weidemueller-Schmidt,

hereby assign to

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Inventor's Signature:

DocuSigned by:

Stefan Weidemueller-Schmidt 7/24/2019

Stefan weigemueiler-Schmigt

ASSIGNMENT

For valuable consideration, I, Philip Transfeld,

hereby assign to

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

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RECORDED: 08/21/2019

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Inventor's Signature:

| Philip Transfeld | 8/21/2019 | Philip Transfeld | 8/21/2019 | Philip Transfeld | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/2019 | 8/21/201