

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
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OMAR-ALEXANDER AL-HUJAJ	01/23/2017
JENS BAUMGART	01/23/2017
HARISH MEHTA	01/23/2017
FLORIAN CHROSZIEL	01/23/2017
MARCO RODECK	01/23/2017
THORSTEN MENKE	01/23/2017
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15381567
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NAME OF SUBMITTER:	CANDICE R. ROCKETT
SIGNATURE:	/Candice R. Rockett/
DATE SIGNED:	02/16/2017

Total Attachments: 7

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ASSIGNMENT

For valuable consideration, we, Thomas Kunz, Omar-Alexander Al-Hujaj, Jens Baumgart, Harish Mehta, Florian Chrosziel, Marco Rodeck and Thorsten Menke, hereby assign to SAP SE, a corporation of Europe, having a place of business at Dietmar-Hopp-Allee 16, D-69190 Walldorf, GERMANY, and its successors, and assigns (collectively, "the ASSIGNEE") our entire right, title and interest throughout the world in the inventions and improvements in a patent document entitled

BI-DIRECTIONAL CONTENT REPLICATION LOGIC FOR ENTERPRISE THREAT DETECTION

which is found in the

U.S. patent application filed on 12/16/2016
 [X] under Application No. 15/381,567

We 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. We authorize the Assignee to apply in all countries in our names 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.

We 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.

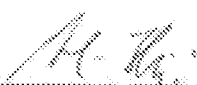
We further agree for ourselves and our respective heirs, legal representatives, and assigns to provide to the Assignee promptly upon its request and at its expense all pertinent facts and documents relating to any of said inventions and improvements or said patents and legal equivalents as may be known and accessible to us and to testify as to the same in any interference, litigation, or proceeding relating thereto; and we 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 Thomas Kunz

Witnessed by: Michael Schmitt
 Signature

23rd Jan 2017
 Date

Michael Schmitt
 Print Name

Inventor's Signature: 
Omar Alexander Al-Hujaj

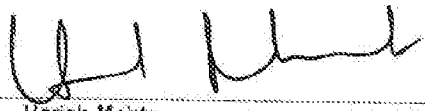
Witnessed by: 
Signature
Michael Schmitt
Print Name

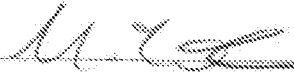
23rd Jan 2017
Date

Inventor's Signature Jens Baumgart
Jens Baumgart

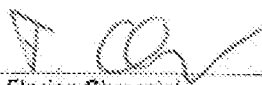
Witnessed by [Signature]
Signature
Michael Schmitt
Print Name

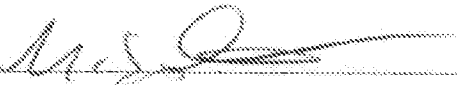
23rd Jan 2012
Date

Inventor's Signature 
Harish Mehta

Witnessed by: 
Signature
Michael Schmitt
Print Name

23rd Jan 2022
Date

Inventor's Signature 
Florian Chrosziel

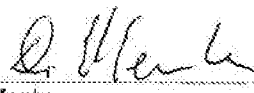
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Signature
Michael Schmitz
Print Name

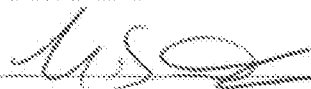
22nd Jan 2012
Date

Inventor's Signature 
Marco Rodeck

Witnessed by: 
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Michael Schmitt
Print Name

23rd Jan 2017
Date

Inventor's Signature: 
Thorsten Menke

Witnessed by: 
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Michael Schmitt
Print Name

23rd Jan 2012
Date