

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michael Wintergerst</td> <td>07/26/2013</td> </tr> <tr> <td>Ralf Schmelter</td> <td>07/26/2013</td> </tr> <tr> <td>Johannes Scheerer</td> <td>07/26/2013</td> </tr> <tr> <td>Thomas Klink</td> <td>07/26/2013</td> </tr> <tr> <td>Steffen Schreiber</td> <td>07/26/2013</td> </tr> <tr> <td>Dietrich Mostowoj</td> <td>07/28/2013</td> </tr> <tr> <td>Matthias Braun</td> <td>07/26/2013</td> </tr> </tbody> </table>		Name	Execution Date	Michael Wintergerst	07/26/2013	Ralf Schmelter	07/26/2013	Johannes Scheerer	07/26/2013	Thomas Klink	07/26/2013	Steffen Schreiber	07/26/2013	Dietrich Mostowoj	07/28/2013	Matthias Braun	07/26/2013
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<table border="1"> <tr> <td>Name:</td> <td>SAP AG</td> </tr> <tr> <td>Street Address:</td> <td>SAP Global IP</td> </tr> <tr> <td>Internal Address:</td> <td>Dietmar-Hopp-Allee 16</td> </tr> <tr> <td>City:</td> <td>Walldorf</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>69190</td> </tr> </table>		Name:	SAP AG	Street Address:	SAP Global IP	Internal Address:	Dietmar-Hopp-Allee 16	City:	Walldorf	State/Country:	GERMANY	Postal Code:	69190				
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CORRESPONDENCE DATA																	
<p>Fax Number: 8777697945  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 612-335-5070        Email: PATDOCTC@fr.com        Correspondent Name: FISH &amp; RICHARDSON, P.C.        Address Line 1: PO BOX 1022        Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022</p>																	
ATTORNEY DOCKET NUMBER:	25781-0053001																

PATENT

NAME OF SUBMITTER:	Candice R. Rockett
Signature:	/Candice R. Rockett/
Date:	09/26/2013
<b>Total Attachments: 7</b> source=25781-0053001 ASSIGNMENT-executed#page1.tif source=25781-0053001 ASSIGNMENT-executed#page2.tif source=25781-0053001 ASSIGNMENT-executed#page3.tif source=25781-0053001 ASSIGNMENT-executed#page4.tif source=25781-0053001 ASSIGNMENT-executed#page5.tif source=25781-0053001 ASSIGNMENT-executed#page6.tif source=25781-0053001 ASSIGNMENT-executed#page7.tif	

ASSIGNMENT

For valuable consideration, we, **Michael Wintergerst, Ralf Schmetter, Johannes Scheerer, Thomas Klink, Steffen Schreiber, Dietrich Mostowoj and Matthias Braun**, hereby assign to SAP AG, a German corporation, having a place of business at Dietmar-Hopp-Allee 16, 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 that are the subject of a patent document entitled

**DEBUGGING APPLICATIONS IN THE CLOUD,**

which is found in

U.S. patent application filed on July 26, 2013

[X] under Application No. 13/951,806

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

Michael Wintergerst

Witnessed by:

Signature

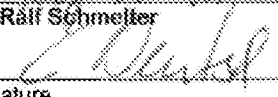
Print Name

2013/ 07/ 26  
Date

Inventor's Signature

  
Ralf Schmelzer

Witnessed by:

  
Signature  
CHRISTIAN DEUTSCH  
Print Name

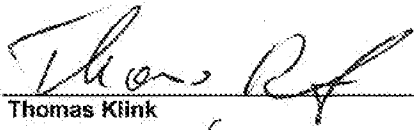
2013/07/26  
Date

Inventor's Signature J. Scheerer  
Johannes Scheerer

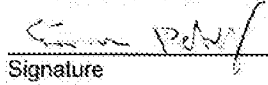
Witnessed by: A. Steiner  
Signature  
ANDREAS STEINER  
Print Name

2013/07/26  
Date

Inventor's Signature

  
Thomas Klink

Witnessed by:

  
Signature

Simon Pollberg  
Print Name

2023/07/26

Date

Inventor's Signature

SS  
Steffen Schreiber

Witnessed by:

V. Simonis  
Signature

Volker Simonis  
Print Name

7-26-2013

Date

Inventor's Signature D. Mostowoj  
Dietrich Mostowoj

Witnessed by: [Signature]  
Signature  
MITJA SAILER  
Print Name

2P-07-2018  
Date



Inventor's Signature Matthias Braun  
Matthias Braun  
Witnessed by: Oliver Bendis  
Signature  
OLIVER BENDIS  
Print Name

2013/07/26  
Date