

# PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>PHILIPP GROSSE</td><td>06/26/2014</td></tr><tr><td>WOLFGANG LEHNER</td><td>06/26/2014</td></tr><tr><td>NORMAN MAY</td><td>06/26/2014</td></tr></tbody></table>	Name	Execution Date	PHILIPP GROSSE	06/26/2014	WOLFGANG LEHNER	06/26/2014	NORMAN MAY	06/26/2014	
Name	Execution Date								
PHILIPP GROSSE	06/26/2014								
WOLFGANG LEHNER	06/26/2014								
NORMAN MAY	06/26/2014								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	SAP AG								
<b>Street Address:</b>	DIETMAR-HOPP-ALLEE 16								
<b>City:</b>	WALLDORF								
<b>State/Country:</b>	GERMANY								
<b>Postal Code:</b>	D-69190								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>14316444</td></tr></tbody></table>	Property Type	Number	Application Number:	14316444					
Property Type	Number								
Application Number:	14316444								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(503)595-5301								
<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>									
<b>Phone:</b>	503-595-5300								
<b>Email:</b>	kristina.bushey@klarquist.com								
<b>Correspondent Name:</b>	KLARQUIST SPARKMAN LLP/GREGORY L. MAURER								
<b>Address Line 1:</b>	121 SW SALMON STREET, SUITE 1600								
<b>Address Line 2:</b>	ONE WORLD TRADE CENTER								
<b>Address Line 4:</b>	PORTLAND, OREGON 97204								
<b>ATTORNEY DOCKET NUMBER:</b>	8880-92580-01								
<b>NAME OF SUBMITTER:</b>	GREGORY L. MAURER								
<b>SIGNATURE:</b>	/Gregory L. Maurer/								
<b>DATE SIGNED:</b>	06/26/2014								
<b>Total Attachments: 3</b>									
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source=assignments#page3.tif									

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PATENT  
REEL: 033191 FRAME: 0556

ASSIGNMENT

I, Philipp Grosse ("ASSIGNOR"), have invented subject matter ("INVENTION"), disclosed and/or claimed in the following patent application(s) ("APPLICATIONS"):

U.S. Patent Application entitled ANNOTATIONS FOR PARALLELIZATION OF USER-DEFINED FUNCTIONS WITH FLEXIBLE PARTITIONING, having U.S. Patent Application No. 14/316,444, filed on June 26, 2014;

ASSIGNOR hereby authorizes and requests ASSIGNEE'S legal representatives of Klarquist Sparkman, LLP, 121 S.W. Salmon Street, Suite 1600, Portland, OR 97204 USA, who are associated with customer number 106592, to insert the application number(s) and filing date(s) above when known;

SAP AG, Dietmar-Hopp-Allee 16 D-69190, Walldorf, Germany, a company organized under the laws of the country of Germany, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to and is desirous of acquiring the entire and exclusive rights, title, and interest in the INVENTION, the APPLICATIONS, and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES");

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns, and transfers to the ASSIGNEE, the entire and exclusive rights, title, and interest in the INVENTION, the APPLICATIONS, and APPLICATION DERIVATIVES, including foreign priority rights;

ASSIGNOR agrees to sign any documents required for the prosecution of the APPLICATIONS and APPLICATION DERIVATIVES, for litigation regarding letters patent derived therefrom, and for protecting and perfecting title to the APPLICATIONS and APPLICATION DERIVATIVES.

<u>Ph. Grosse</u>	<u>26.06.2014</u>
Inventor's Signature Philipp Grosse	Date Signed
<u>Michael Rudolf</u>	<u>26.06.2014</u>
Witness Signature	Date Signed
<u>MICHAEL RUDOLF</u>	
Witness Name (print)	

## ASSIGNMENT

I, Norman May ("ASSIGNOR"), have invented subject matter ("INVENTION"), disclosed and/or claimed in the following patent application(s) ("APPLICATIONS"):

U.S. Patent Application entitled ANNOTATIONS FOR PARALLELIZATION OF USER-DEFINED FUNCTIONS WITH FLEXIBLE PARTITIONING, having U.S. Patent Application No. 14/316,444, filed on June 26, 2014:

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<u>Norman May</u> Inventor's Signature Norman May	<u>26.06.2014</u> Date Signed
<u>PA. Große</u> Witness Signature	<u>26.06.2014</u> Date Signed
<u>PHILIPP GROßE</u> Witness Name (print)	

**ASSIGNMENT**

I, Wolfgang Lehner ("ASSIGNOR"), have invented subject matter ("INVENTION"), disclosed and/or claimed in the following patent application(s) ("APPLICATIONS"):


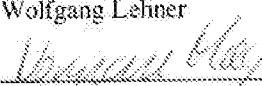

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	<u>26. 2014</u>
Inventor's Signature Wolfgang Lehner	Date Signed
	<u>26.06.2014</u>
Witness Signature	Date Signed
	
Witness Name (print)	