

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2877605

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
UWE JUGEL	05/27/2014
ZBIGNIEW JERZAK	05/27/2014
ERIC PEUKERT	05/27/2014
RECEIVING PARTY DATA	
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State/Country:	GERMANY
Postal Code:	D-69190
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14289421
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Address Line 4:	PORTLAND, OREGON 97204
ATTORNEY DOCKET NUMBER:	8880-92929-01
NAME OF SUBMITTER:	KYLE B. RINEHART
SIGNATURE:	/Kyle B. Rinehart/
DATE SIGNED:	05/30/2014
Total Attachments: 3	
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PATENT
REEL: 032996 FRAME: 0774

ASSIGNMENT

I, Uwe Jugel ("ASSIGNOR"), have invented subject matter ("INVENTION"), disclosed and/or claimed in the following patent application(s) ("APPLICATIONS");

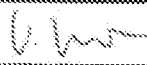
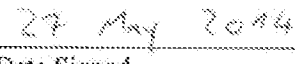
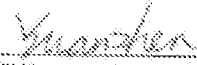
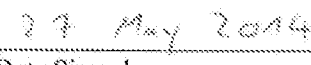
U.S. Patent Application entitled PIXEL-AWARE QUERY REWRITING, having U.S. Patent Application No. 14/289,421, filed on May 28, 2014;

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.

	
Inventor's Signature Uwe Jugel	Date Signed 27 May 2014
	
Witness Signature	Date Signed 27 May 2014
YUANZHEN JI	
Witness Name (print)	

ASSIGNMENT

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

U.S. Patent Application entitled PIXEL-AWARE QUERY REWRITING, having U.S. Patent Application No. 14/289,421, filed on May 28, 2014;

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<u>Zbigniew Jerzak</u> Inventor's Signature Zbigniew Jerzak	<u>27 May 2014</u> Date Signed
<u>Juan Ge</u> Witness Signature	<u>27.05.2014</u> Date Signed
<u>Juan Ge</u> Witness Name (print)	

ASSIGNMENT

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

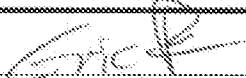

U.S. Patent Application entitled PIXEL-AWARE QUERY REWRITING, having U.S. Patent Application No. 14/289,421, filed on May 28, 2014;

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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.

 Inventor's Signature Eric Peukert	<u>22.05.2014</u> Date Signed
 Witness Signature	<u>27.05.2014</u> Date Signed
<u>YUANZHEN JI</u> Witness Name (print)	