

## 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>	
<b>Name</b>	<b>Execution Date</b>
ALEXEY ARSENIIEV	03/14/2014
MAREK BARWICKI	03/24/2014
MARKUS CHERDRON	03/24/2014
TZANKO STEFANOV	03/24/2014
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14223655
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<b>DATE SIGNED:</b>	07/01/2015
<b>Total Attachments: 4</b>	
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ASSIGNMENT

For valuable consideration, we, **Alexey Arseniev, Marek Barwicki, Markus Cherdron and Tzanko Stefanov**, 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 in a patent document entitled

**CONCISE RESOURCE ADDRESSING,**

which is found in

U.S. patent application filed on March 24, 2014  
[X] under Application No. 14/223,655

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

Alexey Arseniev

Witnessed by:

C. Page  
Signature

Catherine Page  
Print Name


14.03.2014  
Date

Inventor's Signature *Marek Barwicki*  
Marek Barwicki

Witnessed by: *C. Page*  
Signature  
Catherine Page  
Print Name

24.03.2014  
Date

Inventor's Signature

  
Markus Cherdron

Witnessed by:

  
Signature

Catherine Page  
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24.03.2014  
Date

Inventor's Signature Tzanko Stefanov

Witnessed by: C. Page  
Signature

Catherine Page  
Print Name

24.03.2014  
Date