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PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3048409

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VIKTOR POVALYAYEV	09/29/2014
SENTHIL CHINNATHAMBI	09/29/2014
DAVID HU	09/29/2014
LATA KRISHNAMOHAN	09/29/2014

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14504321

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NAME OF SUBMITTER:	ZHENG LIU
SIGNATURE:	/Zheng Liu/
DATE SIGNED:	10/01/2014

Total Attachments: 3

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Attorney Docket No.: 000005-045300US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Viktor Povalyayev, Senthil Chinnathambi, David Hu, and Lata Krishnamohan, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: Providing Integrated Role-based Access

Control

Filing Date: October 1 2014

WHEREAS, SAP SE, located at Dietmar-Hopp-Allee 16, 69190 Walldorf, Germany; hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Fountainhead Law Group PC, 900 Lafayette St., Ste. 301, Santa Clara, CA 95050, to insert herein above the filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated. Dated: 09/29/2014 WITNESSED: Dated: 09/29/2014 Dated: 09/29/2014 WITNESSED: Dated:__09/29/2014 09/29/2014 David Hu WITNESSED: Dated:___09/29/2014

Assignment

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09/29/2014 Dated:

Lata Krishnamohan

WITNESSED:

09/29/2014 Dated:

Print: JANI MAHAMMAD

PATENT REEL: 033866 FRAME: 0997

RECORDED: 10/01/2014