503848501 05/31/2016 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYA	NCE:	ASSIGNMENT	
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Property Type		Number	
	1	5168491	
Application Number:	1		
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PATENT REEL: 038749 FRAME: 0333

Attorney's Docket No.: 22135-0933P01 / 160059US01

ASSIGNMENT

For valuable consideration, we, Dirk Sabiwalsky, Henrike Schuhart, Dr. Christoph Scheiber and Timur Fichter, hereby assign to SAP SE, a corporation of Europe, having a place of business at Dietmar-Hopp-Allee 16, D-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

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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.

		- Lalainel	
Inventor's Signature	Dirk Sat	//////////////////////////////////////	¥
Witnessed by:		GA (1

<u>1715116</u> Date

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Signature

ASSIGNMENT - Page 1 of 4

PATENT REEL: 038749 FRAME: 0334

Attorney's Docket No.: 22135-0933P01 / 160059US01

Inventor's Signa	ture <u>1. Subuha</u> X	
	Henrike Schuhart	
Witnessed by:	Signature	 Date
	Print Name	

ASSIGNMENT - Page 2 of 4

PATENT REEL: 038749 FRAME: 0335

			Attorney's Docket No.: 22135-0933P01 / 160059US01
Inventor's Signal	ture	Dr. Christoph Scheiber	×
Witnessed by:	Signature	<u> </u>	
	Print Name		

ASSIGNMENT - Page 3 of 4

Attorney's Docket No.: 22135-0933P01 / 160059US01

Inventor's Signal	tureFelle	
-	Timur Fichter	_
Witnessed by:	<u> </u>	
	Signature /	
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	Print Name	

<u>23/5///6</u> Date

ASSIGNMENT - Page 4 of 4

RECORDED: 05/31/2016