503627767 12/29/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3674397

SUBMISSION TYPE: NATURE OF CONVEYANCE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
		ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ			
		Name	Execution Date	
AJALESH P. GOPI			12/22/2015	
VEIT BOLIK			12/17/2015	
SANTOSH VIJAYAN			12/22/2015	
NAVEEN KOLLI			12/22/2015	
RECEIVING PARTY DA	TA			
Name:	SAP SE			
Street Address:		DIETMAR-HOPP-ALLEE 16		
City:	WALLDO	PRF		
State/Country:	GERMAN	١Y		
Postal Code:	D-69190			
Property Type		Number		
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Property Type Application Number:	14	Number 4981340		
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ASSIGNMENT

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

Indian Patent Application entitled EFFICIENT PARTITIONING OF RELATED DATABASE TABLES, having Indian Patent Application No. 6119/CHE/2015, filed on November 13, 2015; and

U.S. Patent Application entitled EFFICIENT PARTITIONING OF RELATED DATABASE TABLES, having U.S. Patent Application No. <u>14/981,340</u>, filed on December 28, 2015;

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 SE, 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.

Agest	22/12/2015
Inventor's Signature	Date Signed
Ajalesh P. Gopi	
Nichit	22/12/15
Witness Signature	Date Signed
Midhi Prashant Augustine	
Witness Name (print)	

Assignment Page 1 of 1

PATENT REEL: 037374 FRAME: 0142

ASSIGNMENT

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

Indian Patent Application entitled EFFICIENT PARTITIONING OF RELATED DATABASE TABLES, having Indian Patent Application No. 6119/CHE/2015, filed on November 13, 2015; and

U.S. Patent Application entitled EFFICIENT PARTITIONING OF RELATED DATABASE TABLES, having U.S. Patent Application No. <u>14/981,340</u>, filed on December 28, 2015_;

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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.

log to log	17 42. 2015
Inventor's Signature	Date Signed
Veit Bolik	
1. h.S.	17.17. 2015
Witness Signature	Date Signed
Mathias Röher	
Witness Name (print)	

Assignment Page 1 of 1

PATENT REEL: 037374 FRAME: 0143

CSD:kam

ASSIGNMENT

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

Indian Patent Application entitled EFFICIENT PARTITIONING OF RELATED DATABASE TABLES, having Indian Patent Application No. 6119/CHE/2015, filed on November 13, 2015; and

U.S. Patent Application entitled EFFICIENT PARTITIONING OF RELATED DATABASE TABLES, having U.S. Patent Application No. <u>14/981,340</u>, filed on December 28, 2015

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 SE, 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");

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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.

V. Jantoh	22rd December 2015
Inventor's Signature	Date Signed
Santosh Vijayan Witness Signature Tenzin Choegyen	<u>Date Signed</u> 2015
Witness Name (print)	

Assignment Page 1 of l

PATENT REEL: 037374 FRAME: 0144

ASSIGNMENT

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

Indian Patent Application entitled EFFICIENT PARTITIONING OF RELATED DATABASE TABLES, having Indian Patent Application No. 6119/CHE/2015, filed on November 13, 2015; and

U.S. Patent Application entitled EFFICIENT PARTITIONING OF RELATED DATABASE TABLES, having U.S. Patent Application No. <u>14/981,340</u>, filed on December 28, 2015;

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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	<u>22/12/2015</u> Date Signed
Naveen Kolli Witness(Signature	<u>22/12/2015</u> Date Signed
<u>Jao Chin May</u> A.N Witness Name (print)	