503422745 08/04/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT3469379 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAYANTH JAYANTH	07/31/2015
DASTAGIRI REDDY	08/03/2015
REGHU RAM THANUMALAYAN	07/31/2015

RECEIVING PARTY DATA

Name:	SAP SE
Street Address:	DIETMAR-HOPP-ALLEE 16
City:	WALLDORF
State/Country:	GERMANY
Postal Code:	69190

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14816805

CORRESPONDENCE DATA

Fax Number: (612)332-8352

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 202-470-6454

Email: lisa@brakehughes.com

BRAKE HUGHES BELLERMANN LLP **Correspondent Name:**

Address Line 1: C/O CPA GLOBAL Address Line 2: PO BOX 52050

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	0010-210001
NAME OF SUBMITTER:	WILLIAM G. HUGHES
SIGNATURE:	/William G. Hughes/
DATE SIGNED:	08/04/2015

Total Attachments: 6

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ASSIGNMENT

WHEREAS, We, Jayanth JAYANTH, residing in <u>Heidelberg, Germany</u>, and Dastagiri REDDY, residing in <u>Heidelberg, Germany</u>, and Reglan Ram THANUMALAYAN, residing in <u>Walldorf, Germany</u>, made certain new and useful inventions and improvements for which we filled an application for Letters Patent of the United States entitled <u>UNIFIED DATA MANAGEMENT FOR DATABASE SYSTEMS</u>:

WHEREAS, We hereby authorize and request the attorneys at Brake Hughes Bellermann LLP, to insert here in parentheses (Ser. No. 14/816,805 _____; Filing Date: August 3, 2015 _____) the filing date and application number of said application when known.

AND WHEREAS, <u>SAP SE</u>, a corporation organized and existing under and by virtue of the laws of Germany, and having an office and place of business at <u>Dietmar-Hopp-Allee 16</u>, <u>Walldorf, 69190 Germany</u> (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore:

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged. I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto	set my hand this 31 day of 11, 201	15.
Languist -	<u> </u>	
Jayanth JAYANTH	Witness Signature	
	Srividya Potharaju	
	Witness (Print Name)	

IN TESTIMONY WHEREOF. I have hereunto set	16	and the second
M Doublegai Goddy Dastagiri REDDY	Witness Signature	•••
	P. Stillidga Pranavi	
	Witness (Print Name)	
IN TESTIMONY WHEREOF, I have hereunto set	my hand this day of	, 2015;
IN TESTIMONY WHEREOF, I have hereunto set Reghu Ram THANUMALAYAN	my hand this day of Witness Signature	, 2015;

ASSIGNMENT

WHEREAS, We, Jayanth JAYANTH, residing in <u>Heidelberg</u>, <u>Germany</u>, and **Dastagiri REDDY**, residing in <u>Heidelberg</u>, <u>Germany</u>, and **Reghu Ram THANUMALAYAN**, residing in <u>Walldorf</u>, <u>Germany</u>, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States entitled <u>UNIFIED DATA</u> <u>MANAGEMENT FOR DATABASE SYSTEMS</u>;

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NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

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AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto	set my hand this day of	, 2015.
Jayanth JAYANTH	Witness Signature	
	Witness (Print Name)	

Dastagiri REDDY	Witness Signature	
	Witness (Print Name)	
IN TESTIMONY WHEREOF, I have bereunto s	et my hand this 31 day of July	, 2015.
IN TESTIMONY WHEREOF, I have hereunto s	et my hand this 31 day of July	, 2015.
Topolar.	et my hand this 31 day of July C. B. Politi Witness Signature	, 2015.
IN TESTIMONY WHEREOF, I have hereunto s Tople . Reghu Ram THANUMALAYAN	<u> </u>	, 2015.

PATENT REEL: 036251 FRAME: 0124

RECORDED: 08/04/2015