503580143 11/20/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VIKAS GANAPATI HEGDE	11/18/2015
SESHADRI CHATTERJEE	11/19/2015

RECEIVING PARTY DATA

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City:	WALLDORF
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14947613

CORRESPONDENCE DATA

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MINTZ LEVIN SAN DIEGO / PEDRO SUAREZ **Correspondent Name:**

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ATTORNEY DOCKET NUMBER:	54874-137F01US
NAME OF SUBMITTER:	PEDRO F. SUAREZ, ESQ.
SIGNATURE:	/PFS/
DATE SIGNED:	11/20/2015

Total Attachments: 3

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> **PATENT REEL: 037106 FRAME: 0389** 503580143

Docket No.: 54874-137F01US/150867US01

ASSIGNMENT

We, VIKAS GANAPATI HEGDE and SESHADRI CHATTERJEE, the undersigned, herein referred to as the ASSIGNOR, for good and valuable consideration, the receipt of which is hereby acknowledged, confirm that we have sold and assigned, and do hereby assign, sell and transfer to SAP SE, a European company, with an office at Dietmar-Hopp-Allee 16, Walldorf, Germany, D69190 and to its successors, assigns and legal representatives, collectively hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

OPTIMAL VISUALIZATION OF SYSTEMS WITH LARGE QUANTITY OF TECHNICAL SERVICER INSTANCES

and electronically filed with the U.S. Patent and Trademark Office on November 20, 2015, and assigned Application No. 14/947,613, including any subsequently filed utility applications, which claim priority to Application No. 14/947,613, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in our names as the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

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.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

We agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

We further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

PATENT REEL: 037106 FRAME: 0390 Hegde, et al. Assignment Page 2 of 3

We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

Docket No.: 54874-137F01US/150867US01

We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date:	19/11/2015	Vien		
	VIKAS GANAPATI HEGDE			
Witne	ssed by:			
	Signature	Date		
	Print Name			
Witne	ssed by:			
	Signature	Date		
	Print Name			

PATENT REEL: 037106 FRAME: 0391 Hegde, et al. Assignment Page 3 of 3 Docket No.: 54874-137F01US/150867US01

Date: 19 Nov. 2015	Sashadi Unalloja	
	INVENTOR	
fitnessed by:		
Signature	Date	
Print Name		
itnessed by:		
Signature	Date	
Print Nama		

PATENT REEL: 037106 FRAME: 0392

RECORDED: 11/20/2015