

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT4223509

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MOHSEN ASADI	01/11/2017
CHRISTOPHER BOLOGNESE	01/11/2017
XING JIN	01/11/2017
JONATHAN TIU	01/11/2017
CHRISTOPHER TAM	01/11/2017
SAE-WON OM	01/11/2017
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15394766
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<b>Fax Number:</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	000005-061600US
<b>NAME OF SUBMITTER:</b>	LAM P. DOAN
<b>SIGNATURE:</b>	/Lam P. Doan/
<b>DATE SIGNED:</b>	01/12/2017

**Total Attachments: 4**

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**ASSIGNMENT OF PATENT APPLICATION**

JOINT

WHEREAS, Mohsen Asadi, Christopher Bolognese, Xing Jin, Jonathan Tiu, Christopher Tam, and Sae-Won Om, 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: GEO-ENRICHED DATA BASED ON SHAPES FOR  
VISUALIZATIONS

Application No.: 15/394,766

Filing Date: December 29, 2016

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 and 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 application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 11 Jan 2017

  
Mohsen Asadi


WITNESSED:

Dated: Jan. 11, 2017

Sign: 

Print: Christopher Bolognese

Dated: Jan 11, 2017

  
Christopher Bolognese

WITNESSED:

Dated: 11 Jan 2017

Sign: 

Print: Mohsen Asadi

Dated: Jan 11, 2017

  
Xing Jin

WITNESSED:

Dated: Jan 11, 2017

Sign: 

Print: JONATHAN TIU

Dated: Jan 11, 2017

  
Jonathan Tiu

WITNESSED:

Dated: Jan 11, 2017

Sign: 

Print: Christopher Bolognese

Dated: Jan 11, 2017

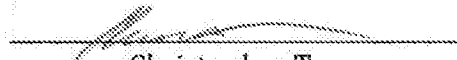
WITNESSED:

Dated: Jan 11, 2017

Dated: Jan 11, 2017


WITNESSED:

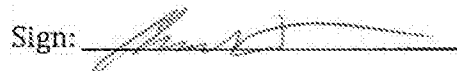
Dated: Jan 11, 2017

  
Christopher Tam

Sign: 

Print: Sae-Won Om

  
Sae-Won Om

Sign: 

Print: Christopher Tam

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