

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ZHIQIANG WU	12/12/2016
ZHONGJIE FANG	12/09/2016
RECEIVING PARTY DATA	
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Postal Code:	D-69190
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15417149
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ATTORNEY DOCKET NUMBER:	SAPP2016NAT105US0
NAME OF SUBMITTER:	CARMEN S. NG
SIGNATURE:	/Carmen S. Ng/
DATE SIGNED:	01/26/2017
Total Attachments: 4	
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ASSIGNMENT

For good and valuable consideration, we, Zhiqiang WU, residing at 1001 Chenhui Road, Shanghai 201203 China, a citizen of the People's Republic of China; Zhongjie FANG, residing at 1001 Chenhui Road, Shanghai 201203 China, a citizen of the People's Republic of China;

Hereby sell, assign, and transfer to **SAP SE**, a corporation of Germany, having its principal place of business at **Dietmar-Hopp-Allee 16, Walldorf, D-69190 Germany**,

hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently here within, and is entitled:

DATA MODEL VIEW WITH COMPLEX CALCULATION CAPABILITY

and in and to said application and all divisional, continuing substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that Assignee may apply for and receive Letters Patent for said improvements in its own name, and that, when requested, without charge to but at the expense of said Assignee, their successors, assigns, and legal representatives to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do

everything possible which said Assignee, its successors, assigns, or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: Dec. 12th, 2016

Zhiqiang Wu
(Signature)

Zhiqiang WU

Witness 1:

Qi Jin
(Signature)

Dec 12th, 2016
(Print name)

Witness 2:

Emily Li
(Signature)

Dec. 12th, 2016
(Print name)

Date:

Dec. 9th, 2016

Zhongjie Fang

(Signature)

Zhongjie FANG

Witness 1:

Qi Liu

(Signature)

Dec 9th 2016

(Print name)

Witness 2:

Emily Li

(Signature)

Dec. 12th. 2016

(Print name)