

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LUDO FRANCISCUS MARIA NOENS	11/21/2016
<b>RECEIVING PARTY DATA</b>	
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<b>State/Country:</b>	GERMANY
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15359588
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<b>ATTORNEY DOCKET NUMBER:</b>	SAPP2016NAT89US0
<b>NAME OF SUBMITTER:</b>	CARMEN S. NG
<b>SIGNATURE:</b>	/Carmen S. Ng/
<b>DATE SIGNED:</b>	11/22/2016
<b>Total Attachments: 3</b>	
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## ASSIGNMENT

For good and valuable consideration, I, Ludo Franciscus Maria NOENS, residing at 89 Tampines Avenue 1, #05-36, Singapore 528689, a citizen of The Netherlands;

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:

### **DEVELOPMENT OF INTERNET OF THINGS (IOT) APPLICATIONS**

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: 21 November 2016

  
(Signature)


Ludo Franciscus Maria  
**NOENS**

Witness 1:

  
(Signature)

Sinyo Zhe Ming Kho  
(Print name)

Witness 2:

  
(Signature)

Zhu Jinyou  
(Print name)