#### 504692758 12/18/2017

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
YUNG SHIRLEY CHOI-GROGAN	09/11/2015

### **RECEIVING PARTY DATA**

Name:	AT&T Mobility II LLC	
Street Address:	1025 Lenox Park Boulevard	
City:	Atlanta	
State/Country:	GEORGIA	
Postal Code:	30319	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15845211

#### **CORRESPONDENCE DATA**

Fax Number: (908)532-1991

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.

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**Correspondent Name:** AT&T LEGAL DEPARTMENT - H&C ATTN: PATENT

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ATTORNEY DOCKET NUMBER:	2015-0350CON/ 27.5767USC1	
NAME OF SUBMITTER:	JODI L. HARTMAN	
SIGNATURE:	/Jodi L. Hartman/	
DATE SIGNED:	12/18/2017	

## **Total Attachments: 2**

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**PATENT REEL: 044890 FRAME: 0019** 504692758

#### ASSIGNMENT

WHEREAS, I, Yung Shirley Choi-Grogan, residing at 3646 246th Avenue, SE, Issaquah, Washington 98029, USA, am listed as an inventor on a patent application entitled "User Equipment Calegories For Machine-To-Machine Devices Operating In An Internet Of Things Network," having AT&T Docket No. 2015-0350, the patent application to be filed in the United States Potent & Tradeourk Office; and

WHEREAS, AT&T Mobility II L.C., a corporation organized and existing under the laws of Delawate and having an address at 1025 Lenox Park Boulevard, Atlanta, GA, 30319 (hereinafter referred to as a sistence), desires to acquire the entire right, title and interest for the United States of America and elsewhere throughout the world in and to said invention and the patent application identified above, including any and all divisions and continuations thereof and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereto;

(\$10.00) and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, it as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and in this invention and this non-provisional application, and all divisions, substitutions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reexaminations and reissues thereof, and all rights to claim priority on the basis of the above provisional application (if the patent which may hereafter be filled for this invention in any foreign country and all Letters Patent which may hereafter be filled for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, including certificates of inventions, utility models, industrial design protection, design patent protection, and other governmental grants or issuances; and all extensions, renewals, prolongations, and reissues thereof; to have and to hold for the sole and seclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term and terms the all such patents;

AND, I TEREBY authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I TEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and thave not executed and will not execute any assignment, sale, license, agreement, or encumbrance in conflict with this Assignment;

AND, FHEREBY further covenant and agree, for the Assignor and the Assignor's legal representatives, that I will, without further consideration, communicate with Assignee, its successors and assigns, any face known to us respecting this invention; assist the Assignee in the prosecution of the patent application identified above; assist in the making and prosecution of any other patent applications that the Assignee may cleet to make covering the invention identified above; testify in any interference, litigation, or other legal proceeding; sign all lawful papers when called upon to do so; execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns: execute all divisional, continuation, and reissue applications; make all rightful oaths and generally do everything possible to aid Assignee, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the electric of such papers shall be borne by the Assignee; and hereby instruct, and further covenant and agree to bind my heirs. legal representatives, and assigns, to do same, without compensation, by at the expense of Assignee or its representatives.

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AND, I HEREBY consent that a copy of this assignment shall be deemed a full legal and formal equivalent of an indocument which may be required in any country in proof of the right of AT&T Mohility II LLC to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

This Airignment may be executed in any number of counterparts, each of which when so executed and delivered shall be deemed an original, and such counterparts together shall constitute one and the same instrument. A facsimile copy of this Assignment, or any form of an electronic copy of this Assignment, including the signature pages hereto, shall be deemed to be an original.

September . 2015.

Yung Shirley Choi-Grogan

STATE OF WASHINGTON

COUNTY OF KING

in this 11<sup>TR</sup> day of 2PTEMBEP., 2015, before me a Notary Public in and for the above County and State, personally appeared Yung Shirley Choi-Grogan, and acknowledged the execution of the bregoing assignment as his/her ree act and deed for the purpose herein set forth.

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