## 505499825 05/30/2019

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MYUNGHOON KWAK	05/10/2019
YONGSANG YUN	05/10/2019

### **RECEIVING PARTY DATA**

Name:	SAMSUNG ELECTRONICS CO., LTD.	
Street Address:	129 SAMSUNG-RO, YEONGTONG-GU, SUWON-SI	
City:	GYEONGGI-DO	
State/Country:	KOREA, REPUBLIC OF	

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16426125

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	5004-1-785
NAME OF SUBMITTER:	STEVE CHA
SIGNATURE:	/Steve Cha/
DATE SIGNED:	05/30/2019

**Total Attachments: 2** 

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PATENT 505499825 REEL: 049316 FRAME: 0732

Docket No.; 5004-1-785 Client Ref No.; GM-201803-008-1-US0

### **Assignment of Invention and Patent Application**

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration,

1) Myunghoon KWAK of 129, Samsung-ro, Yeongtong-gu, Suwon-si,

Gyeonggi-do, 16677 Republic of Korea

2) Yongsang YUN of 129, Samsung-ro, Yeongtong-gu, Suwon-si,

Gyeonggi-do, 16677 Republic of Korea

(hereinafter Assignor) hereby sells, assigns, transfers, and sets over unto:

SAMSUNG ELECTRONICS CO., LTD. of 129 SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 16677 REPUBLIC OF KOREA

(hereinafter Assignee) the entire right, title and interest for the United States Of America and all other countries as defined in 35 U.S.C. Section 261, in and to the invention entitled as:

# ELECTRONIC DEVICE INCLUDING CONTROL CIRCUITS CONTROLLING SWITCHES CONNECTED TO CHARGING CIRCUIT

invented by Assignor; the application for United States patent and all other countries, invented by Assignor; any patent or reissues of any patent that may be granted thereon; and any applications which are continuations, continuation-in-part, substitutes, or divisions of said application. Assignor authorizes Assignee to enter the date of signature and/or Serial Number and Filing Date in the above. Assignor also authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patent(s) to the said Assignee, for its interests as Assignee, its successors, assigns and legal representatives. The undersigned agrees that the attorney of record in said application shall hereafter act on behalf of said Assignee; and Assignor further conveys to Assignee all priority rights resulting from the above-identified application for United States Patent and all other countries. Assignor agrees to execute all papers, give any required testimony and perform other lawful acts, as deemed essential by Assignee to perfect Assignee's interest in any resulting patent of the United States and all other countries, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and Assignee's interest therein.

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## SIGNED ON THE DATES(S) INDICATED BESIDE MY/OUR SIGNATURE(S):

S First Inventor Maurahaan KWAK	MYUNG HOON KWAK
Name of First Inventor: Myunghoon KWAK	Signature of inventor
	Dated: MAY. 10, 2019
	WITNESSED: YTSEN HONG
	Control of the Contro
Name of Second Inventor: Yongsang YUN	Yongsong YUN
Name of Second Inventor. Tongsung 2010	Signature of inventor
	Dated: May 10 2319

WITNESSED: Yisen HONG

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**RECORDED: 05/30/2019**