# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
HO YEONG LIM	03/05/2020
YONG SEUNG YI	03/05/2020
DU HYUN KIM	03/10/2020
HYUN SEOK KIM	03/05/2020
DONG IL SON	03/05/2020

## RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD.	
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State/Country:	KOREA, REPUBLIC OF	

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16647550

## **CORRESPONDENCE DATA**

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NAME OF SUBMITTER:	STEVE CHA
SIGNATURE:	/Steve Cha/
DATE SIGNED:	03/16/2020

# **Total Attachments: 3**

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> **PATENT REEL: 052120 FRAME: 0682** 505968282

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PATENT REEL: 052120 FRAME: 0683

Docket No.: 4700-1-264 Client Ref No.: GM-201704-075-1-US1

## Assignment of Invention and Patent Application

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

1)	Ho Yeong LIM	of	206-1901, 11, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16682, Republic of Korea
2)	Yong Seung YI	of	102-101, 91, Namhyeon-gil, Gwanak-gu, Seoul 08809, Republic of Korea
3)	Du Hyun KIM	of	603-203, 14, Heungdeok 2-ro 117beon-gil, Giheung-gu, Yongin-si, Gyeonggi-do 16953, Republic of Korea
4)	Hyun Seok KIM	of	104-504, 72, Gwonseon-ro 908beon-gil, Yeongtong-gu, Suwon-si, Gyeonggi-do 16682, Republic of Korea
5)	Dong Il SON	of	446-501, 71, Dongtanbanseok-ro, Hwaseong-si, Gyeonggi-do 18443, 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:

# METHOD AND DEVICE FOR CONTROLLING CHARGING ON BASIS OF STATE OF BATTERY

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.

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

Name of First Inventor: Ho Yeong LIM	Hayevug Lim Signature of inventor
	Dated: Morch of, 2020
	WITNESSED:
Name of Second Inventor: Yong Seung YI	Yong Soung YI Signature of inventor  Dated: Mrch 05, 2020
	WITNESSED:
Name of Third Inventor: Du Hyun KIM	Du Hyun KIM Signature of inventor  Dated: March 10, 2020
	WITNESSED:
Name of Fourth Inventor: Hyun Seok KIM	Hyun Seot, Kim Signature of inventor  Dated: March 05, 2020
	WITNESSED:

Name of Fifth Inventor:	Dong II SON	Dongil Son.
		Signature of inventor
		Dated: Murch of , 2020
		WITNESSED:

**RECORDED: 03/16/2020**