#### 504706677 12/28/2017

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
OH-HYUCK KWON	12/21/2017
HYUNG-DAL KIM	12/21/2017
JOUNG-MIN CHO	12/22/2017
JEONG-MIN PARK	12/21/2017
HYUNG-SUP BYEON	12/21/2017
HEUNG-SIK SHIN	12/21/2017

#### **RECEIVING PARTY DATA**

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State/Country:	KOREA, REPUBLIC OF

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

Property Type	Number
Application Number:	15856470

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DATE SIGNED:	12/28/2017	
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**Total Attachments: 3** 

**PATENT** REEL: 044499 FRAME: 0390 source=5000-1-1806\_Assignment#page1.tif source=5000-1-1806\_Assignment#page2.tif source=5000-1-1806\_Assignment#page3.tif

> PATENT REEL: 044499 FRAME: 0391

Docket No.: 5000-1-1806

Client Ref No.: P23429-US(GM-201608-184-1-US0)

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

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

- Oh-Hyuck KWON of #401, 28-9, Heungdeok 4-ro 30beon-gil, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea
- 2) Hyung-Dal KIM of #102-1606, Seogaemaeul SK APT., 15, Yehyeon-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea
- 3) Joung-Min CHO of #103-1106, Kolon APT., 28, Ogeum-ro 31-gil, Songpa-gu, Seoul, Republic of Korea
- 4) Jeong-Min PARK of #907-3001, Sibeom Unam Firstvill APT., 276, Dongtandaerosibeom-gil, Hwaseong-si, Gyeonggi-do, Republic of Korea
- 5) Hyung-Sup BYEON of #3004-1503, Chamnuri Lake APT., 134, Beopjo-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea
- 6) Heung-Sik SHIN of #114-1505, Jaebongmaeul Sunny Valley APT., 274-22, Saeun-ro, Giheung-gu, Yongin-si, Gyeonggi-do, 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 BIOMETRIC SENSOR

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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):

Name of fourth Inventor:	Jeong-Min PARK	Signature of inventor  Dated: Dec. 21, 20/1)
Name of fifth Inventor:	Hyung-Sup BYEON	Signature of inventor  Dated: Dec. 21, 2011
Name of sixth Inventor:	Heung-Sik SHIN	Signature of inventor  Dated: Dec, 21, 2017

**RECORDED: 12/28/2017**