PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JONG-JIN BAEK	05/28/2014
SHIN-WUNG BANG	05/28/2014
JONG-HYEOK YOUN	05/28/2014
KWANG-WOO LEE	05/28/2014

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14290038

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	STEVE CHA
SIGNATURE:	/Steve Cha/
DATE SIGNED:	05/29/2014

Total Attachments: 2

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> **PATENT REEL: 032987 FRAME: 0625** 502828990

Docket No.: 5000-1-1656 Client Ref.: P20471-US/DMC (GM-201307-085-1-US0)

Assignment of Invention and Patent Application

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consid eration of TEN (\$10.00) DOLLAR,

- 1) Jong-Jin BAEK of #412-804, Suwon I-Park City APT., 23, Dongsuwon-ro 145beon-gil, Gwonseon-gu, Suwon-si, Gyeonggi-do, Republic of Korea
- 2) Shin-Wung BANG of #201-502, Tapsilmaeul DaeJu Fiore 2-danji APT., 152, Tapsil-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea
- 3) Jong-Hyeok YOUN of #1314-1701, Hanbitmaeul Raemian East Palace 3-danji APT., 21, Dongcheon-ro 135beon-gil, Suji-gu, Yongin-si, Gyeonggi-do, Republic of Korea
- 4) Kwang-Woo LEE #203, 68-10, Maetan-ro 140beon-gil, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea

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

SAMSUNG ELECTRONICS CO., LTD. 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742, Republic of Korea

(hereinafter Assignee) the entire right, title and interest for the United States Of America as defined in 35 U.S.C.§1.00, in and to the invention entitled as:

METHOD AND APPARATUS FOR DETECTING ELECTRO STATIC DISCHARGE IN ELECTRONIC DEVICE

invented by Assignor; the application for United States patent therefor, 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. 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 to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and Assignee's interest therein.

${\bf SIGNED\ ON\ THE\ DATES(S)\ INDICATED\ BESIDE\ MY/OUR\ SIGNATURE(S):}$

Name of First Inventor: Jong-Jin BAEK	Jong Jin Back Signature of inventor Dated: May 28 - 2014 WITNESSED:
Name of Second Inventor: Shin-Wung BANG	Shin-luny Barg Signature of inventor Dated: May 28. 2014 WITNESSED:
Name of Third Inventor: Jong-Hyeok YOUN	Dated:May 28. 2014 WITNESSED:
Name of Fourth Inventor: Kwang-Woo LEE	Kwany Wow Lee Signature of inventor Dated: May 28. 2014 WITNESSED: