

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3635180

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JIN-HEE WON	11/25/2015
HO-JUN KIM	11/26/2015
KYUNG-MIN PARK	11/25/2015
GI-HOON LEE	11/25/2015
SUNG-BIN HONG	11/25/2015
RECEIVING PARTY DATA	
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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:	14953974
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SIGNATURE:	/Steve Cha/
DATE SIGNED:	11/30/2015
Total Attachments: 3	
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Assignment of Invention and Patent Application

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

- 1) Jin-Hee WON of #107-604, 55, Saepul-gil, Danwon-gu, Ansan-si, Gyeonggi-do, Republic of Korea
- 2) Ho-Jun KIM of #324-1503, 55, Naejeong-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea
- 3) Kyung-Min PARK of #1415-402, 33, Oksan-ro, Wonmi-gu, Bucheon-si, Gyeonggi-do, Republic of Korea
- 4) Gi-Hoon LEE of #106-301, 171-6, Sinwon-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea
- 5) Sung-Bin HONG of #102-1113, 26, Manyang-ro, Dongjak-gu, Seoul, 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 as defined in 35 U.S.C. Section 261, in and to the invention entitled as:

METHOD AND APPARATUS FOR IDENTIFYING FOREIGN SUBSTANCES IN CONNECTORS

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.

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

Name of First Inventor: Jin-Hee WON

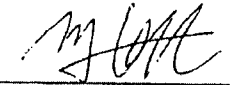


Signature of inventor

Dated: Nov 25 2015

WITNESSED: Pwle

Name of Second Inventor: Ho-Jun KIM

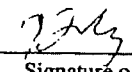


Signature of inventor

Dated: November - 26 - 2015

WITNESSED: Pwle

Name of Third Inventor: Kyung-Min PARK



Signature of inventor

Dated: November 25, 2015

WITNESSED: Pwle

Name of Fourth Inventor: Gi-Hoon LEE




Signature of inventor

Dated: November 25, 2015

WITNESSED: Pwle

Name of Fifth Inventor: Sung-Bin HONG



Signature of inventor

Dated: Nov. 25. 2015

WITNESSED: