

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JUNG-SU HA	06/08/2016
JUN-HAK LIM	06/08/2016
BO-RAM NAMGOONG	06/08/2016
HYUN-JU LEE	06/08/2016
JAE-CHAN KOH	06/08/2016
JAE-SU PARK	06/08/2016
RECEIVING PARTY DATA	
Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	129, SAMSUNG-RO, YEONGTONG-GU
City:	SUWON-SI, GYEONGGI-DI
State/Country:	KOREA, REPUBLIC OF
Postal Code:	16677
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15220548
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ATTORNEY DOCKET NUMBER:	1904.1382
NAME OF SUBMITTER:	PAUL W. BOBOWIEC, REG. # 47,431
SIGNATURE:	/Paul W. Bobowiec/
DATE SIGNED:	07/27/2016

Total Attachments: 1

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U.S. ASSIGNMENT

5455148

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(s))

SAMSUNG ELECTRONICS CO., LTD.
129, Samsung-ro, Yeongtong-gu,
Suwon-si, Gyeonggi-do 16677
Republic of Korea

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest in the invention entitled
(Title of Invention)

INPUT APPARATUS AND CONTROLLING METHOD THEREOF

relating to International Patent Application PCT/JP and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on :

(Insert date of execution of application, if not concurrent)

(b) filed on :

Serial No. :

Any registered attorney of STAAS & HALGEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agrees(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Typed Name & Signature of Inventor(s))

(Date)

(Typed Name & Signature of Witness(es))

1) <u>Jung-su HA</u>	<u>June 8, 2016</u>	
Jung-su HA		
2) <u>Jun-hap LIM</u>	<u>June 8, 2016</u>	
Jun-hap LIM		
3) <u>Bo-ram NAMGOONG</u>	<u>June 8, 2016</u>	
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4) <u>Hyun-ju LEE</u>	<u>June 8, 2016</u>	
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5) <u>Jae-chan KOH</u>	<u>June 8, 2016</u>	
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6) <u>Jae-su PARK</u>	<u>June 8, 2016</u>	
Jae-su PARK		
7) _____		

PATENT