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PATENT ASSIGNMENT COVER SHEET

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UBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY D	ΑΤΑ		
		Name	Execution Date
JUNGHO AHN			06/13/2019
SAEGEE OH			06/13/2019
CHULKWI KIM	06/13/2019		
YONGJUN SON	06/13/2019		
JUN YOO			06/13/2019
JAEIL JOO			06/13/2019
RECEIVING PARTY DA	ΤΔ		
Name:	SAMSUNG ELECTRONIC CO., LTD.		
Street Address:	129 SAMSUNG-RO, YEONGTONG-GU, SUWON-SI		
City:	GYEONGGI-DO		
	KOREA, REPUBLIC OF		
State/Country: PROPERTY NUMBERS	KOREA		
State/Country: PROPERTY NUMBERS	KOREA	A, REPUBLIC OF	
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State/Country: PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE E Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	KOREA	Number 16527375 (201)226-9246 <i>the e-mail address first; if that is unsuc</i> <i>if that is unsuccessful, it will be sent</i> 201-226-9245 jeryl.bizzoco@chareiter.com CHA & REITER, LLC 17 ARCADIAN AVENUE SUITE 208 PARAMUS, NEW JERSEY 07652	
State/Country: PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NUM	KOREA	Number 16527375 (201)226-9246 <i>the e-mail address first; if that is unsuc</i> <i>if that is unsuccessful, it will be sent</i> 201-226-9245 jeryl.bizzoco@chareiter.com CHA & REITER, LLC 17 ARCADIAN AVENUE SUITE 208 PARAMUS, NEW JERSEY 07652 5004-1-794	

Total Attachments: 3

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Docket No.: 5004-1-794 Client Ref No.: GM-201807-054-1-US0

Assignment of Invention and Patent Application

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

1) Jungho AHN	of	129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea
2) Saegee OH	of	129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea
3) Chulkwi KIM	of	129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea
4) Yongjun SON	of	129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea
5) Jun YOO	of	129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea
6) Jaeil JOO	of	129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, 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 PERFORMING OPERATIONS BASED ON MOVEMENT DIRECTION OF EXTERNAL ELECTRONIC DEVICE AND METHOD THEREFOR

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

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PATENT REEL: 049915 FRAME: 0784

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: Jungho AHN

Name of Second Inventor: Saegee OH

Jungho Ahn Signature of inventor

Dated: 13/06/2019

WITNESSED: LEE SEVI BEE

Signature of inventor

Dated: 13/06/2019

WITNESSED: LEF SEVL BEF

Name of Third Inventor: Chulkwi KIM

chul Kwi Klun Signature of inventor

Dated: 13/06/2019

WITNESSED: LEF SEUL BEF

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Name of Fourth Inventor: Yongjun SON

Jord Jun Son Signature of inventor

Dated: 13 / 06 / 2017

WITNESSED: LEE SEVL BEE

Name of Fifth Inventor: Jun YOO

Jun Moo Signature of inventor

Dated: 13/06/2019

WITNESSED: LEE SELV BEE

Name of Sixth Inventor: Jaeil JOO

Signature of inventor

Dated: 13/06/ 2019

WITNESSED: LEE SEUL BEE