

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4711565

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MINSIK KIM	11/20/2017
SOYOUNG KIM	11/20/2017
JONGMOO LEE	11/20/2017
GEONSOO KIM	11/20/2017
JINWAN AN	11/20/2017
JIWOO LEE	11/20/2017
HYUNSUK CHOI	11/20/2017
RECEIVING PARTY DATA	
Name:	SAMSUNG ELECTRONICS CO., LTD.
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:	15827332
CORRESPONDENCE DATA	
Fax Number:	(201)226-9246
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	201-226-9245
Email:	jeryl.bizzoco@chareiter.com
Correspondent Name:	CHA & REITER, LLC
Address Line 1:	17 ARCADIAN AVENUE
Address Line 2:	SUITE 208
Address Line 4:	PARAMUS, NEW JERSEY 07652
ATTORNEY DOCKET NUMBER:	5004-1-731
NAME OF SUBMITTER:	STEVE CHA
SIGNATURE:	/Steve Cha/
DATE SIGNED:	11/30/2017

Total Attachments: 6

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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) Minsik KIM | of | No. 506-1306, 16, Gwangok-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea |
| 2) Soyoung KIM | of | No. 201-1304, 45, Taejang-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea |
| 3) Jongmoo LEE | of | No. C-1107, 60, Hannam-daero, Yongsan-gu, Seoul, Republic of Korea |
| 4) Geonsoo KIM | of | No. 222-701, 24, Dongsuwon-ro 145beon-gil, Gwonseon-gu, Suwon-si, Gyeonggi-do, Republic of Korea |
| 5) Jinwan AN | of | No. 107-807, 101, Chilseongnam-ro, Buk-gu, Daegu, Republic of Korea |
| 6) Jiwoo LEE | of | No. 105-602, 80, Haemarugongwon-ro, Gumi-si, Gyeongsangbuk-do, Republic of Korea |
| 7) Hyunsuk CHOI | of | 43-20, Hangnam-ro, Buk-gu, Daegu, 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 HAVING COMBINED BUTTON

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.

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

Name of First Inventor: Minsik KIM



Signature of inventor

Dated: 20. NOV. 2017

WITNESSED: _____

Name of Second Inventor: Soyoung KIM

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Third Inventor: Jongmoo LEE

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Fourth Inventor: Geonsoo KIM

Signature of inventor

Dated: _____

WITNESSED: _____

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: Minsik KIM

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Second Inventor: Soyoung KIM

Soyoung Kim

Signature of inventor

Dated: 20. Nov. 2019

WITNESSED: SK

Name of Third Inventor: Jongmoo LEE

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Fourth Inventor: Geonsoo KIM

Signature of inventor

Dated: _____

WITNESSED: _____

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

Name of First Inventor: Minsik KIM

Signature of inventor

Dated: _____

WITNESSED: _____

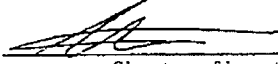
Name of Second Inventor: Soyoung KIM

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Third Inventor: Jongmoo LEE


Signature of inventor

Dated: 20 / Nov / 2017

WITNESSED: Stw

Name of Fourth Inventor: Geonsoo KIM

Signature of inventor

Dated: _____

WITNESSED: _____

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

Name of First Inventor: Minsik KIM

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Second Inventor: Soyoung KIM

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Third Inventor: Jongmoo LEE

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Fourth Inventor: Geonsoo KIM

Signature of inventor

Dated: 20 NOV, 2017

WITNESSED: SBW

Name of Fifth Inventor: Jinwan AN

Jinwan An

Signature of inventor

Dated: 20 Nov, 2017

WITNESSED: SB

Name of Sixth Inventor: Jiwoo LEE

[Signature]

Signature of inventor

Dated: 20 NOV, 2017

WITNESSED: SB

Name of Seventh Inventor: Hyunsuk CHOI

[Signature]

Signature of inventor

Dated: 20 NOV 2017

WITNESSED: SB