505345960 02/26/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5392743

SUBMISSION TYPE:		NEW ASSIGNMENT	
IATURE OF CONVE	ANCE:	ASSIGNMENT	
CONVEYING PARTY	DATA		
		Name	Execution Date
JAEHO LEE			02/18/2019
MINSEUNG KIM			02/18/2019
TAEKYOUNG KIM			02/18/2019
JONGKON BAE			02/18/2019
YOUNGIL YOON			02/18/2019
YOHAN LEE			02/18/2019
JIHOON JEON			02/18/2019
HYESOON JEONG			02/18/2019
YUNPYO HONG			02/18/2019
JONGWU BAEK			02/18/2019
Name: Street Address:	SAMSUNG ELECTRONICS CO., LTD. 129, SAMSUNG-RO, YEONGTONG-GU		
City:	SUWON-SI, GYEONGGI-DO		
State/Country:		KOREA, REPUBLIC OF	
Postal Code:	16677		
PROPERTY NUMBE	RS Total:	1	
Property Ty	be	Number	
Application Number:		16282947	_
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ATTORNEY DOCKET NUMBER:	1235-1202

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NAME OF SUBMITTER:	PAUL J. FARRELL
SIGNATURE:	/pjf/
DATE SIGNED:	02/26/2019
Total Attachments: 6	
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ASSIGNMENT

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that: IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

ASS/GNEE: Samsung Electronics Co., Ltd.

ADDRESS: 129. Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea

Who is my Assignee, and to the successes and assigns of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

TITLE: METHOD FOR ADAPTIVELY CONTROLLING LOW POWER DISPLAY MODE AND ELECTRONIC DEVICE THEREOF

invented by me (if only one inventor is named below) or us (if more than one inventor is named below) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment or indicates an attorney docket no. <u>1235-1202</u> or is more particularly identified as:

- x executed on even date herewith, or
- E) Serial No. 16/282, 947 filed in the U.S. Patent & Trademark Office on 2/22/2019, or
- G executed on

and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, reissued and re-examined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by said **SAMSUNG ELECTRONICS CO.**, **LTD.**, my Assignee, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made;

AND I hereby covenant and agree to sign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of any certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

AND I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request <u>Paul J. Farrell, Reg. No. 33,494</u>, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Page 1 of 2

PATENT REEL: 048437 FRAME: 0059

And I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names:

INVENTOR(S)	Date Signed	<u>Witness(ss)</u>
1) Lee Jacko	(Seal) February 18, 2019	lý
2) Minseung KIM	(Seal) February 18, 2019	ly
3) Taekyoung KIM	(Seal)	
4) Jongkon BAE	(Seal)	
5) 77- Youngil YOON	(Seal) February 18, 2019	drj
6) Yohan LEE	(Seal)	
7) Jindon JEON	(Seal) February 18, 2019	ly
8) Hyesoon JEONG	(Seal) February 18, 2019	lij
9) Yunpyo HONG	(Seal)	
10) <u>81/2</u> Jongwu BAEK	(Seal) February 18, 2019	dıj
		Page 2 of 2

PATENT REEL: 048437 FRAME: 0060

공연중05031050TELE1Framework港법그룹(무전)

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- X executed on even date herewith, or
- Serial No. $\frac{16/282,947}{1}$ filed in the U.S. Patent & Trademark Office on $\frac{2/22/2019}{1}$ or

executed on ______,

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IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names:

INVENTOR(S)	Date Signed	<u>Witness(es)</u>	
) Jaeho LEE	(Seal)		
Jaenofice			
) Minseung KIM	(Seul)		
) Taekyoung KIM	(Seal) February 18, 2019	lij	
Taekyoung KIM		,	
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) Jongkon BAE	(could)		
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) Youngil YOON	(368)		
) Yohan LEE	(Seal)		
) Jihoon JEON	(Seal)		
) Hyesoon JEONG	(Seal)		
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) Yunpyo HONG	(Seal)		
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Page 2 of 2

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- х executed on even date herewith, or
- Serial No. $\frac{16/282,947}{2}$ filed in the U.S. Patent & Trademark Office on $\frac{2/22/2019}{2}$ or executed on Ö

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and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, relesued and re-examined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by said SAMSUNG ELECTRONICS CO., LTD., my Assignee, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made:

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I) Jaeho LEE	(Seal)	
2) Minseung KIM	(Seal)	
3) Taekyoung KIM	(Seal)	
1) Jongkon BAE	(See)) Feb(8, 2019	lij
5) Youngil YOON	(Seal)	
8) <u>YOHAN LEE</u> Yohan LEE	(Seal) <u>Feb 18, 2019</u> _	lij
7) Jihoon JEON	(Seal)	
8) Hyesoon JEONG	(Seal)	
3) <u>Yun ya King</u> Yunpyd HONG	(Seal) Feb 18 2019	lij
10) Jongwu BAEK	(Seal)	

Page 2 of 2

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