# 504836510 03/26/2018 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGN	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT				
CONVEYING PARTY	DATA						
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JAEWON LIM					01/01/2018		
JUNGHAN RYU					01/01/2018		
YOUNGHUN JANG				(	)1/01/2018		
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PROPERTY NUMBERS Total: 1 Property Type			Number				
Application Number:3550-		35504292					
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DATE SIGNED:		03/26/2018	03/26/2018				
Total Attachments: 2			4				
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## BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

# ASSIGNMENT

Application No	.: <u>35/504,292</u>	Filed:	July 7, 2017
Insert Name(s) of Inventor(s)	<ul> <li>***(Given Name FAMILY NAME (ALL CAPS))***</li> <li>□ WHEREAS, Jaewon Lim, Junghan Ryu &amp; Younghun (hereinafter designated as the undersigned) has (har</li> </ul>		
Insert Title of Invention	⇒ Electronic whiteboard		
	for which an application for Letters Patent of the undersigned (except in the case of a provisional app		
Insert Date of Signing of Appln.	⇔ on <u>January 1, 2018</u>		; and
Insert Name of Assignee	⇒ WHEREAS, LG ELECTRONICS INC.		
Insert Address of Assignee	⇔ of 128, Yeoui-daero, Yeongdeungpo-gu, Seoul, 0733	6, Rep	public of Korea, ,
	its heirs, successors, legal representatives and assig of acquiring the entire right, title and interest in an that may be granted therefor in the United States of	d to s	aid invention and in and to any Letters Patent(s)
Check Box if Appropriate	$^{\diamond}$ 🔲 in any foreign countries.		
	NOW, THEREFORE, for good and valuable consid the undersigned has (have) sold, assigned and tra and transfer unto said Assignee the full and exclus	nsferr ive ri	red, and by these presents does (do) sell, assign ight to the said invention in the United States of

and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

BSKB-ASSIGN-SINGLE (09-12)

#### Attorney Docket No.: 3449-3506PUS1

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient:

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignce in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date January 1, 2018	Name of Invente	or
Date January 1, 2018	Name of Invento	It now
Date January 1, 2018	Name of Invents	or
Date	Name of Invento	or (Signature)
Date	Name of Invento	or
Date	Name of Invento	or (Signature)
BIRCH, STEWART, KOLASCH	I& BIRCH, LLP	Page 2 PSK8-ASSIGN-SINGLE (09-12)

PATENT REEL: 045347 FRAME: 0996

### **RECORDED: 03/26/2018**