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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
HYONI KIM	11/21/2018
JIYOUN CHA	11/21/2018
HYUNGGON RYU	11/21/2018
BYEONGWOOK KIM	11/21/2018
SEUNGBEOM PARK	11/21/2018

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	35507685

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ATTORNEY DOCKET NUMBER:	0630-8458PUS1
NAME OF SUBMITTER:	TAN T. TU
SIGNATURE:	/TAN T. TU/
DATE SIGNED:	07/14/2020

Total Attachments: 2

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PATENT REEL: 053200 FRAME: 0612

Attorney Docket No.: 0630-8458PUS1

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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ASSIGNMENT

Application No	o.: 35/507,685	Filed: 04/25/2019
insert Name(s) of Inventor(s)	mittive volume and acoust with the con-	CAPS))*** gwook KIM; Hyonl KIM; Hyunggon RYU; JiYoun CHA ed) has (have) invented certain new and useful improvements in:
Insert Title of Invention	[⇔] Portable electronic device	
	for which an application for Letters Pa undersigned (except in the case of a pro-	tent of the United States of America has been executed by the risional application)
Insert Date of Signing of Appln.	⇒ on	; and
Insert Name of Assignee	" WHEREAS, LG ELECTRONICS INC.	
Insert Address of Assignee	⇒ of 128, Yeoui-daero, Yeongdeungpo-gu	Seoul, 07336, Republic of Korea
	its heirs, successors, legal representative of acquiring the entire right, title and in that may be granted therefor in the Unit	es and assigns (hereinafter designated as the Assignee) is desirous terest in and to said invention and in and to any Letters Patent(s) and States of America and
Check Box if Appropriate	⇒	
	the undersigned has (have) sold, assign and transfer unto said Assignee the ful America, its territories, dependencies an and all Letters Patent(s) which may be dependencies and possessions, and if the	able consideration, the receipt of which is hereby acknowledged, ned and transferred, and by these presents does (do) sell, assign and exclusive right to the said invention in the United States of ad possessions and the entire right, title and interest in and to any granted therefor in the United States of America, its territories, e box above is designated, in any and all foreign countries; and to nations, conversions and extensions thereof for the full term or

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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 Assignee 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 patent(s) or 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	11/21/2018	Name of Inventor	(Signature) SeungBeom PARK	
Date	11/21/2018	Name of Inventor	(Signature) Byeongwook KIM	
Date	11/21/2018	Name of Inventor	(Signature) HyonI KIM	
Date	11/21/2018	Name of Inventor	(Signature) Hyunggon RYU	
Date BIRCH	11/21/2018 I, STEWART, KOLASCH & BIRCH, LLP	Name of Inventor	(Signature) JiYoun CHA Page 2	PATENT SSIGN-SINGLE (09-12)

RECORDED: 07/14/2020

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