505978686 03/20/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6025394

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YOONKYEONG LEE	03/01/2020
YONGHO LEE	03/01/2020
JAEWON LIM	03/01/2020
HYUNHEE YOU	03/01/2020

RECEIVING PARTY DATA

Name:	LG ELECTRONICS INC.	
Street Address:	reet Address: 128, YEOUI-DAERO, YEONGDEUNGPO-GU	
City:	SEOUL	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	07336	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29728606

CORRESPONDENCE DATA

Fax Number: (703)205-8050

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ATTORNEY DOCKET NUMBER:	3449-4126PUS1
NAME OF SUBMITTER:	ANH-VU DAO
SIGNATURE:	/anh-vu dao/
DATE SIGNED:	03/20/2020

Total Attachments: 3

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PATENT 505978686 REEL: 052183 FRAME: 0115

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DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

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

$\begin{tabular}{ll} \begin{tabular}{ll} Title of Invention \\ \begin{tabular}{ll} \Rightarrow DIGITAL SIGNAGE \\ \end{tabular}$

	As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:
	This declaration is directed to the application attached hereto.
Application not Attached	⇒ If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:
Enter Appln, No.	⇒ United States Application Number or PCT International Appln. No.
Enter Filing Date	⇒ filed on .
	The above-identified application was made or authorized to be made by me.
	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
	I have reviewed and understand the contents of the above-identified application, including the claims.
	I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.
	WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.
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 representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and
Check Box if Appropriate	⇒ in any foreign countries.
	NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign 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.

PATENT BSKB-DECASSIGN(09-12)
REEL: 052183 FRAME: 0116

Attorney Docket No. 3449-4126PUS1

The undersigned agrees 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 agrees 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 agrees 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 agrees 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 bereby authorizes and requests 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 the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

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

The undersigned hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1881 by fine or imprisonment of not more than five (5) years, or both.

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

LEGAL NAME OF INVENTOR

Inventor's Name	250	Inventor	Yoonkyeong Lee	Date: March 1, 2020
laveojai's Signatur	e 49 (Signature	1400	
An application Use a separate	n dai : fori	ta sheet (PTC m for each it	3/58/14 or equivalent), including n eventor; or check the box below and	aming the entire inventive entity, must accompany this form, complete the attached page(s) to list additional inventors.
Additional	Liny	entors are b	eing named on the 1 supplemental s	heat(s) attached hereto.

BERB-DECASSIGN-SINGLE (89-12)

Attorney Docket No. 3449-4126PUS1

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

LEGAL NAME OF IOINT INVENTOR, IF ANY Date: March 1, 2020 Inventor: Yougho Lee Inventor's Signature Signature: Kangenfre LEGAL NAME OF JOINT INVENTOR, IF ANY Jaewon Lim Date: March 1, 2020 Inventor's Name - Minventor: Inventor's Signature a Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Date: March 1, 2020 Inventor's Name *Inventor: Hyunhee You LEGAL NAME OF JOINT INVENTOR, IF ANY Date: Inventor's Name ¬inventor: Inventor's Signature Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Pinventor: ______ Date: _____ Immodor's Name inventor's Signature Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY →Inventor: ______ Date: incentor's Name Inventor's Signature Signature: LEGAL NAME OF JOINT INVENTOR, IF ANY Inventor's Name *Inventor: LEGAL NAME OF JOINT INVENTOR, IF ANY *inventor: Invenior's Name Inventor's Signature *Signature: BEKA-DECASSIGN/(09-13)

> PATENT REEL: 052183 FRAME: 0118

RECORDED: 03/20/2020