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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
REX XU	10/17/2017
JESUS PEREZ	10/17/2017
JON GALLEGOS	10/17/2017

RECEIVING PARTY DATA

Name:	UNIVERSAL ELECTRONICS INC.
Street Address:	201 E. SANDPOINTE AVENUE
Internal Address:	8TH FLOOR
City:	SANTA ANA
State/Country:	CALIFORNIA
Postal Code:	92707

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15784637

CORRESPONDENCE DATA

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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.

Phone: 3124568400

Email: chiipmail@gtlaw.com GARY R. JAROSIK **Correspondent Name:**

Address Line 1: GREENBERG TRAURIG, LLP

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Address Line 4: CHICAGO, ILLINOIS 60601-1732

ATTORNEY DOCKET NUMBER:	81230.178US1
NAME OF SUBMITTER:	GARY R. JAROSIK
SIGNATURE:	/Gary R. Jarosik/
DATE SIGNED:	11/15/2017

Total Attachments: 4

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> **PATENT** REEL: 044133 FRAME: 0195 504643348

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> PATENT REEL: 044133 FRAME: 0196

PATENT ASSIGNMENT AND DECLARATION

WHEREAS, we, **Rex Xu** of 6 Blanco, Foothill Ranch, California 92610; **Jesus Perez** of 2296 la Mer Ct., Costa Mesa, California 92627; and **Jon Gallegos** of 20198 Peach Lane, Huntington Beach, California 92646; have invented a certain new and useful invention entitled **APPARATUS, SYSTEM AND METHOD FOR USING A UNIVERSAL CONTROLLING DEVICE FOR DISPLAYING A GRAPHICAL USER ELEMENT IN A DISPLAY DEVICE** for which a patent application has been prepared for filing with the United States Patent & Trademark Office, which has been assigned application number **15/784.637**.

I. ASSIGNMENT

NOW THEREFORE, be it known that for good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, we, hereby sell and assign to UNIVERSAL ELECTRONICS INC. ("Assignee"), a Delaware corporation, having its principal place of business at 201 East Sandpointe Avenue, 8th Floor, Santa Ana, California 92707, its successors, assigns, nominees, or other legal representatives, the entire right, title, and interest in and to the invention invented by us, and the application for United States patent therefor, the declaration, and all original and reissued patents granted therefor, and all divisions and continuations thereof, including the subject-matter of any and all claims which may be obtained in every such patent, and the right to apply for and obtain patents and Utility Model Registrations which may be granted thereon in such foreign countries, and authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any other country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue said Letters Patent or Utility Model Registration to the said Assignee, its successor, assigns, nominees, or other legal representatives, as assignee of the entire interest herein assigned. We covenant that we have not executed and will not execute any agreement in conflict herewith and agree that we will communicate to said Assignee, its successors, assigns, nominees, or other legal representatives, all facts known to us respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do all lawful acts requisite for the application for such divisional, continuing, or reissue applications, or the procuring thereof, and that if and when said Assignee, its successors, assigns, nominees, or other legal representatives desire to file a disclaimer relating thereto, we will, upon request, sign all lawful papers requisite for the filing of such disclaimer. We further covenant and agree that we will, at any time upon request, do everything legally possible to aid said Assignee, its successors, assignees, nominees, or other legal representatives, either in its or their own names, to apply for, obtain, and enforce proper patent and/or Utility Model protection for said invention in all countries, all without further consideration but at the expense of said Assignee, its successors, assigns, nominees, or other legal representatives.

ASSIGNOR hereby grants to the law firm of GREENBERG TRAURIG, LLP of Chicago, Illinois, authority and power to insert on this instrument any further identification which may be necessary or desirable for purposes of recordation in the United States Patent Office or the Patent Office of any foreign country.

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II. DECLARATION

Inventor 1
As the below named inventor, I hereby declare that:
This declaration is directed to:
the attached application, or
X United States application or PCT international application number
15/784,637 filed on October 16, 2017.
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 hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims; and I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known by me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.
IN TESTIMONY WHEREOF, I have hereunto set my hand this 17 day of October, 2017. Rex Xu (signature)
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.
State of California
County of Way
Subscribed and sworn to (or affirmed) before me on this 11/10 day of 0 cholor , 2017, by Rex Xu proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.
Notary Public VALERIE JEANNE BALLARO Notary Public - California Orange County Commission # 2185527 My Comm Expires Mar 25, 2021

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Notary Public

Inventor 2 As the below named inventor, I hereby declare that: This declaration is directed to: the attached application, or X United States application or PCT international application number 15/784,637 filed on October 16, 2017. 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. hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) vears, or both. I hereby state that I have reviewed and understand the contents of the aboveidentified application, including the claims; and I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known by me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications. material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application. IN TESTIMONY WHEREOF, I have hereunto set my hand this It day of A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document. State of California County of 1 Subscribed and sworn to (or affirmed) before me on this 17th day of Perez proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me. WITNESS, my hand and official seal. VALERIE JEANNE BALLARD Notary Public - California

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Orange County Commission # 2185527 My Comm Expires Mar 25, 202:

RECORDED: 11/15/2017

II. DECLARATION

inventor 3
As the below named inventor, I hereby declare that:
This declaration is directed to:
the attached application, or
X United States application or PCT international application number
15/784,637 filed on October 16, 2017.
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.
hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims; and I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known by me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.
IN TESTIMONY WHEREOF, I have hereunto set my hand this 17 day of 2017. Jon Gallegos (signature)
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.
State of California County of
WITNESS my hand and official seal. VALERIE JEANNE BALLARD Notary Public - California Orange County Commission # 2185527 My Comm Expires Mar 25, 2021

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