504600212 10/18/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4646924 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PAUL D. ARLING	10/10/2013
BRIAN BARNETT	10/09/2013
DAN N. MCKAY	10/02/2013

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:	15787360

CORRESPONDENCE DATA

Fax Number: (312)456-8435

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
Correspondent Name: GARY R. JAROSIK

Address Line 1: GREENBERG TRAURIG, LLP

Address Line 2: 77 WEST WACKER DRIVE, SUITE 3100

Address Line 4: CHICAGO, ILLINOIS 60601-1732

ATTORNEY DOCKET NUMBER: 81230.155US14

NAME OF SUBMITTER: GARY R. JAROSIK

SIGNATURE: /Gary R. Jarosik/

DATE SIGNED: 10/18/2017

Total Attachments: 4

source=81230_155US14Assignment#page1.tif source=81230 155US14Assignment#page2.tif

PATENT 504600212 REEL: 043896 FRAME: 0910

source=81230_155US14Assignment#page3.tif source=81230_155US14Assignment#page4.tif

> PATENT REEL: 043896 FRAME: 0911

PATENT ASSIGNMENT AND DECLARATION

For good and valuable consideration, receipt of which is hereby acknowledged, we, Paul D. Arling of 32 Prairie Grass, Irvine, California 92603; Brian Barnett of 673 Via Rialto, Oakland, California 94619; and Dan N. McKay of 1194 Royston Ct., San Jose, California 95120; 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, U.S.A., its successors, assigns, nominees, or other legal representatives, the entire right, title, and interest in and to the invention in SYSTEM AND METHOD FOR OPTIMIZED APPLIANCE CONTROL, invented by us, which has been assigned application number 14/036,449, 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. I covenant that I have not executed and will not execute any agreement in conflict herewith and agree that I will communicate to said Assignee, its successors, assigns, nominees, or other legal representatives, all facts known to me 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, I will, upon request, sign all lawful papers requisite for the filing of such disclaimer. I further covenant and agree that I 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.

> PATENT REEL: 043896 FRAME: 0912

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 14/036,449 filed on September 25, 2013.
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 love day or october, 2013.
NOTARIAL CERTIFICATE Paul D. Arling (signature)
State of California
County of Orange
Subscribed and sworn to (or affirmed) before me on this 10th day of, 2013, by _Paul D, 2013, by _Paul D, 2013, by _Paul D
WITNESS my hand and official seal.

SHELLY TELLEZ Commission # 1887983
Notary Public - California
Orange County
My Comm. Expires May 2, 2014

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 14/036,449 filed on September 25, 2013.
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 $\frac{949}{2}$ day of $\frac{1}{2}$ day of
NOTARIAL CERTIFICATE NOTARIAL CERTIFICATE
State of California
County of Orange
Subscribed and sworn to (or affirmed) before me on this
WITNESS my hand and official seal.
Soi (Balla)

VALÉRIE JEANNE BALLARD Commission # 2014905 'Notary Public - California Orange County My Comm. Expires Mar 25, 2017

Inventor 3

CHI 62963410V1Q

RECORDED: 10/18/2017

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 14/036,449 filed on September 25, 2013.
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 2nd day of October, 2013. Dan N. McKay (signature)
NOTARIAL CERTIFICATE
State of California
County of Orange
Subscribed and sworn to (or affirmed) before me on this day of October, 2013, by Dan N. McKay proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.
Notary Public VALERIE JEANNE BALLARD Commission # 2014905 Ngtary Public Colleges

4

Orange County
My Comm. Expires Mar 25, 2017