

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
C.G. DEVELOPMENT LIMITED	04/27/2016
UEI CAYMAN INC.	04/27/2016
RECEIVING PARTY DATA	
Name:	UNIVERSAL ELECTRONICS INC.
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Internal Address:	8TH FLOOR
City:	SANTA ANA
State/Country:	CALIFORNIA
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PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	16596438
Application Number:	16596458
CORRESPONDENCE DATA	
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SIGNATURE:	/Gary R. Jarosik/
DATE SIGNED:	10/27/2020
Total Attachments: 8	
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PATENT ASSIGNMENT AGREEMENT

This Patent Assignment Agreement (this "*Assignment*") is made on April 27, 2016 between C.G. Development Limited, a company organized under the laws of Hong Kong with its principal place of business at Units 902-908, 9F, One Harbourfront, 18 Tak Fung Street, Hung Hom, Kowloon, Hong Kong ("*CG Development*"), UEI Cayman Inc., a company organized and existing under the laws of the Cayman Islands with its registered office at Codan Trust Company (Cayman) Ltd., Cricket Square, Hutchins Drive, P.O. Box 2681, Grand Cayman KY1-1111, Cayman Islands ("*UEI Cayman*"), and Universal Electronics Inc., a Delaware corporation having its main office and place of business located at 201 E. Sandpointe Avenue, 8th Floor, Santa Ana, CA 92707 ("*Assignee*").

RECITALS:

WHEREAS, CG Development and UEI Cayman each own the entire right, title and interest in, to and under certain of those United States patents and patent applications listed on **Exhibit A** hereto along with all related know-how, trade secrets, inventions, data, processes, techniques, procedures, compositions, methods, formulas, protocols and information, whether or not patentable, and together own all of the entire right, title and interest in, to and under those United States patents and patent applications listed on **Exhibit A** hereto, along with any foreign counterparts or equivalents thereto, existing now or in the future and including, but not limited to, patents of utility, improvement or addition, utility model and appearance and industrial design patents and inventors certificates, as well as divisions, reissues, continuations (in whole or in part), renewals and extensions of any of the foregoing and any patents that may issue from any of the foregoing (collectively, the "*Patents*"); and

WHEREAS, the parties seek to consolidate ownership of all of the Patents with Assignee.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

1. Each of CG Development and UEI Cayman hereby irrevocably sells, assigns, transfers and sets over to Assignee all of their rights, titles and interests in and to the Patents along with all related know-how, trade secrets, inventions, data, processes, techniques, procedures, compositions, methods, formulas, protocols and information, whether or not patentable, for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns or other legal representatives, as fully and entirely as the same would have been held and enjoyed by CG Development and UEI Cayman if this assignment had not been made, together with all income, royalties, damages or payments due or payable as of the date hereof or thereafter, including, without limitation, all claims for damages by reason of past, present or future infringement or other unauthorized use of the Patents, with the right to sue for and collect the same for Assignee's own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives.
2. CG Development and UEI Cayman authorize and request the United States Commissioner of Patents and Trademarks and any other similar government authority to


record Assignee as owner of the Patents, and issue any and all patents issued thereon to Assignee, as assignee of the entire right, title and interest in, to and under the same, for the sole use and enjoyment of Assignee, its successors, assigns or other legal representatives.

3. This Assignment may be executed in two or more counterparts, each of which will be deemed an original, but all of which together will constitute one and the same instrument. Delivery of an executed signature page to this Assignment by facsimile or other electronic transmission (including documents in Adobe PDF format) will be effective as delivery of a manually executed counterpart to this Assignment.


[Signatures on the Following Page.]

IN WITNESS WHEREOF, the parties have caused this Assignment to be duly executed as of the date first above written.

ASSIGNOR
C. G. DEVELOPMENT LIMITED

By: 
Name: Bryan M. Hackworth
Title: Director

ASSIGNOR
UEI CAYMAN INC.

By: 
Name: Bryan M. Hackworth
Title: Director

ASSIGNEE
UNIVERSAL ELECTRONICS INC.

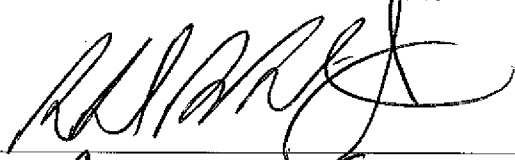
By: 
Name: William D. Strickland, Jr.
Title: SVP & GC

EXHIBIT A

Patents and Patent Applications

Title	Application Date	Application Number	Patent Number	Grant Date
Automatic determination and retrieval of a favorite channel	17-Apr-13	13/864,724	US8941531B2	27-Jan-15
Automatic determination and retrieval of a favorite channel	28-Nov-08	12/315,169	US8427356B1	23-Apr-13
Automatic determination and retrieval of a favorite channel	11-Nov-14	14/538,383		Not Yet Granted
Codeset communication format and related methods and structures	21-Feb-06	11/359,149	US7668197B1	23-Feb-10
Codeset communication format and related methods and structures	16-Feb-10	12/706,080	US8761199B2	24-Jun-14
Communicating codeset information as part of a native application	16-Sep-08	12/283,947	US8260283B2	4-Sep-12
Communicating codeset information as part of a native application	14-Sep-09	CN 200980136429	CL 200980136429	10-Jun-15

Communicating codeset information as part of a native application	14-Sep-09	EP2009815030		Not Yet Granted
Compressed codeset database format for remote control devices	21-Dec-10	12/928,889	US8081102B1	20-Dec-11
Compressed codeset database format for remote control devices	26-Jul-05	11/190,162	US7855672B1	21-Dec-10
Copying keys to create a custom remote	18-Apr-08	12/148,445	US8151211B1	3-Apr-12
Dynamic linking of codesets in universal remote control devices	19-Jan-07	11/655,419	US7889112B1	15-Feb-11
Dynamic linking of codesets in universal remote control devices	12-Jan-11	13/005,017		Not Yet Granted
Graphical user interface for programming universal remote control devices	9-Feb-07	11/704,669	US8896426B1	25-Nov-14
Graphical user interface for programming universal remote control devices	3-Nov-14	14/531,389		Not Yet Granted

Interactive web-based codeset selection and development tool	28-Apr-11	13/096,141	US8174411B2	8-May-12
Interactive web-based codeset selection and development tool	15-Aug-07	11/893,421	US7936287B1	3-May-11
Interactive web-based codeset selection and development tool	3-May-12	13/463,589		Not Yet Granted
Interactive web-based codeset selection and development tool	10-Feb-04	10/777,023	US7259696B1	21-Aug-07
Performing optical recognition on a picture of a remote to identify an associated codeset	18-Apr-08	12/148,475	US8094875B1	10-Jan-12
Relaying key code signals through a remote control device	4-Aug-09	12/462,526	US8004389B1	23-Aug-11
Relaying key code signals through a remote control device	16-Dec-03	10/737,029	US7589642B1	15-Sep-09
Star cluster codeset database for universal remote control devices	6-Oct-06	11/544,147	US8909676B1	9-Dec-14
Star cluster codeset database for universal remote control devices	11-Nov-14	14/538,337		Not Yet Granted
Transmitting a codeset over a single-wire bus from a computer to a remote control device	22-Oct-07	11/975,833	US7895301B1	22-Feb-11

Using HDMI-CEC to Identify Codeset	18-Apr-08	12/148,444		Not Yet Granted
Using HDMI-CEC to Identify Codeset	22-Sep-11	13/240,378		Not Yet Granted
Using HDMI-CEC to identify a Codeset	2-Nov-11	CN 201180074344		Not Yet Granted
Using HDMI-CEC to Identify Codeset	2-Nov-11	EP2011872554		Not yet granted
Learning infrared amplifier for remote control devices	26-Jan-06	11/341,347	US7783205B1	24-Aug-10
Using HDMI-CEC to Identify Codeset	2-Nov-11	BR 112014006930-1		Not Yet Granted in Brazil
Communicating discovery information from remote control devices	20-Feb-08	12/070,686		Not Yet Granted
Method and apparatus for an intuitive universal remote control system	29-Mar-99	09/277,887	US6407779B1	18-Jun-02
Digital cordless telephone with remote control feature	5-Dec-97	08/986,273	US5963624A	5-Oct-99
Low-cost keypad encoding circuit	5-Feb-03	10/359,405	US7391342B1	24-Jul-08

Method and apparatus for updating universal remote databases through TV VBI processing	18-Jan-00	09/484,088	US6956496B1	18-Oct-05
Programming a remote control device using RFID technology	31-Mar-04	10/814,708	US7116229B1	3-Oct-06
Programming a universal remote control	10-Feb-03	10/361,281	US7106209B2	12-Sep-06
Television receiver with learning remote control system capable of being controlled by a remote control device manufactured by different companies	3-Jun-93	08/072,180	US5386251A	31-Jan-95 (expired 2013)
Use of remote controls for audio-video equipment to control other devices	6-Sep-00	09/655,733	US7042366B1	9-May-06
Selecting a picture of a device to identify an associated codeset	18-Apr-08	12/148,420		Not Yet Granted