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FORM PTO-1594

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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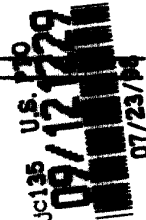
## 1. Name of the conveying party(ies):

Patrick H. Hayes  
Gregory L. Johns  
James N. Conway, Jr.

nen  
7-23-98

## 2. Name and address of receiving party(ies):

Universal Electronics Inc.  
6101 Gateway Drive  
Cypress, California 90630-4841

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other:

Execution Date: 7/22/98

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or trademark number(s):

A. Patent Application No.(s)

09/121,229

B. Patent Reg. No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Mark R. Galis, Esq.  
Address: Altheimer & Gray  
Suite 4000  
10 South Wacker Drive  
Chicago, Illinois 60606

## 6. Total number of applications and trademarks involved:

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our Deposit account number: 011,156

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Name of Person Signing

7/23/98 Mark R. Galis

Signature

[Signature]

Date

7/23/98

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PATENT

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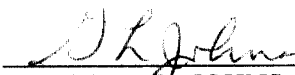
## ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, Patrick H. Hayes of 26451 Avenida Deseo, Mission Viejo, California 92691, Gregory L. Johns of 3070 Blenkarne Drive, Carlsbad, California 92008 and James N. Conway, Jr. of 427 Morning Canyon Road, Corona Del Mar, California 92625, hereby sell and assign to Universal Electronics Inc., having its principal place of business at 6101 Gateway Drive, Cypress, California 90630-4841, U.S.A., its successors, assigns, nominees or other legal representatives, the entire right, title and interest in and to the invention in UNIVERSAL REMOTE CONTROL SYSTEM WITH DEVICE ACTIVATED SETUP, invented by us and filed concurrently herewith, and the application for United States patent therefor, 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 Universal Electronics Inc., its successors, 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 Corporation, 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 Universal Electronics Inc., 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 Corporation, 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 Universal Electronics Inc., its successors, assigns, nominees, or other legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 22<sup>nd</sup> day of July, 1998.

  
PATRICK H. HAYES

IN TESTIMONY WHEREOF, I have hereunto set my hand this 22 day of July, 1998.

  
GREGORY L. JOHNS

IN TESTIMONY WHEREOF, I have hereunto set my hand this 22 day of July, 1998.

  
JAMES N. CONWAY, JR.