

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Patrick H. Hayes</td> <td>09/21/2004</td> </tr> <tr> <td>Paul D. Arling</td> <td>10/31/2002</td> </tr> <tr> <td>Robert P. Lilleness</td> <td>10/31/2002</td> </tr> </tbody> </table>		Name	Execution Date	Patrick H. Hayes	09/21/2004	Paul D. Arling	10/31/2002	Robert P. Lilleness	10/31/2002
Name	Execution Date								
Patrick H. Hayes	09/21/2004								
Paul D. Arling	10/31/2002								
Robert P. Lilleness	10/31/2002								
RECEIVING PARTY DATA									
Name:	Universal Electronics Inc.								
Street Address:	6101 Gateway Drive								
City:	Cypress								
State/Country:	CALIFORNIA								
Postal Code:	90630-4841								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12732363</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12732363				
Property Type	Number								
Application Number:	12732363								
CORRESPONDENCE DATA									
Fax Number:	(312)456-8435								
Phone:	312								
Email:	chiiipmail@gtlaw.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Gary R. Jarosik								
Address Line 1:	77 W. Wacker Drive								
Address Line 2:	Greenberg Traurig, LLP - Suite 3100								
Address Line 4:	Chicago, ILLINOIS 60601-1732								
ATTORNEY DOCKET NUMBER:	059489.100500								
NAME OF SUBMITTER:	Gary R. Jarosik								
Total Attachments: 4 source=Assignment12732363#page1.tif source=Assignment12732363#page2.tif source=Assignment12732363#page3.tif source=Assignment12732363#page4.tif									

CH \$40.00 12732363

PATENT ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, Alex Louie of 1432 Yale Street #6, Santa Monica, California 90404; Cesar Alvarado of 432 S. Devon Road, Orange, California 92868; and Patrick H. Hayes of 22981 Arija, Mission Viejo, California 92691, hereby sell and assign to Universal Electronics Inc., ("Assignee"), a Delaware corporation, 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 **SYSTEM AND METHOD FOR ADAPTIVELY CONTROLLING THE RECORDING OF PROGRAM MATERIAL USING A PROGRAM GUIDE** invented by us, which has been assigned application number 10/ 939,821, 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, assigns, 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.

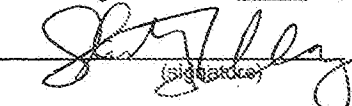
IN TESTIMONY WHEREOF, I have hereunto set my hand this 18 day of September, 2004.



Alex Louie (signature)

NOTARIAL CERTIFICATE

State of: California
County of: Los Angeles SS.
Subscribed and sworn to before me this 18th day of September, 2004.

Notary Public:  My commission expires: September 17, 2006

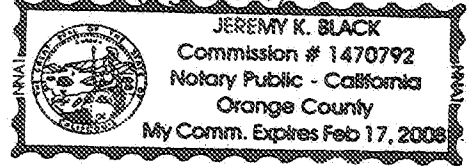


IN TESTIMONY WHEREOF, I have hereunto set my hand this 24th day of September, 2004.

Cesar Alvarado
Cesar Alvarado (signature)

NOTARIAL CERTIFICATE

State of: California)
County of: Orange) SS.



Subscribed and sworn to before me this 21st day of September, 2004.

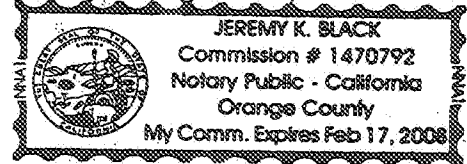
Notary Public: Jeremy K. Black (signature) My commission expires: Feb. 17 2008

IN TESTIMONY WHEREOF, I have hereunto set my hand this 21st day of September, 2004.

Patrick H. Hayes
Patrick H. Hayes (signature)

NOTARIAL CERTIFICATE

State of: California)
County of: Orange) SS.



Subscribed and sworn to before me this 21st day of September, 2004.

Notary Public: Jeremy K. Black (signature) My commission expires: Feb 17 2008

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ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, Patrick H. Hayes of 22981 Arijia, Mission Viejo, California 92691; Paul D. Arling of 5 New Dawn, Irvine, California 92620; and Robert P. Lilleness of 6 Canyon Island, Newport Beach, California 92660, hereby sell and assign to Universal Electronics Inc., ("Assignee"), a Delaware corporation, 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 SYSTEM AND METHOD FOR CONTROLLING THE RECORDING FUNCTIONALITY OF AN APPLIANCE USING A PROGRAM GUIDE invented by us, which has been assigned application number 10/_____, 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.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31st day of OCTOBER, 2002.

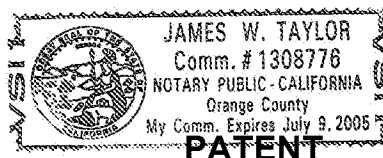
Patrick H. Hayes
Patrick H. Hayes (signature)

NOTARIAL CERTIFICATE

State of: CALIFORNIA)
County of: ORANGE) SS.

Subscribed and sworn to before me this 31 day of OCTOBER, 2002.

Notary Public: James W. Taylor My commission expires: JULY 9 2005
(signature)

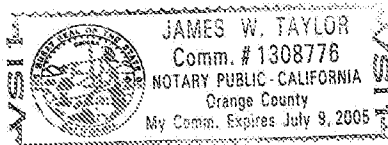


IN TESTIMONY WHEREOF, I have hereunto set my hand this 31 day of OCTOBER, 2002.

[Signature]
Paul D. Arling (signature)

NOTARIAL CERTIFICATE

State of: CALIFORNIA)
County of: ORANGE) SS.



Subscribed and sworn to before me this 31st day of OCTOBER, 2002.

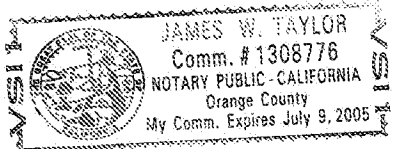
Notary Public: [Signature] My commission expires: JULY 9 2005
(signature)

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31 day of OCTOBER, 2002.

[Signature]
Robert P. Lilleness (signature)

NOTARIAL CERTIFICATE

State of: CALIFORNIA)
County of: ORANGE) SS.



Subscribed and sworn to before me this 31 day of OCTOBER, 2002.

Notary Public: [Signature] My commission expires: JULY 9 2005
(signature)

