

01-04-2006

Form PTO-1595 (Rev. 09/04)  
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office



REC

103150740  
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

12-22-05

1. Name of conveying party(ies)/Execution Date(s):

Jeremy Black  
Patrick H. Hayes

Execution Date(s) 12/21/05

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

2. Name and address of receiving party(ies)

Name: Universal Electronics Inc.

Internal Address: \_\_\_\_\_

Street Address: 6101 Gateway Drive

City: Cypress

State: California

Country: USA Zip: 90630-4841

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Gary R. Jarosik

Internal Address: Greenberg Traurig, LLP  
Suite 2500

Street Address: 77 W. Wacker Drive

City: Chicago

State: IL Zip: 60601-1732

Phone Number: (312) 456-6589

Fax Number: (312) 456-8435

Email Address: jarosikg@gtlaw.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 50-2428

Authorized User Name Gary R. Jarosik

9. Signature:

Signature

December 22, 2005

Date

Gary R. Jarosik

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

112959 U.S. PTO  
11/31/05



122205

12/28/2005 FFANAEIA 00000014 11315075

06 FC:8021

40.00 DP

PATENT  
REEL: 017407 FRAME: 0680

**PATENT ASSIGNMENT**

For good and valuable consideration, receipt of which is hereby acknowledged, we, Jeremy K. Black of 13132 Lassen Way, Santa Ana, California 92705; 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 CREATING AND UTILIZING METADATA REGARDING THE STRUCTURE OF PROGRAM CONTENT STORED ON A DVR** invented by us, which has been assigned application number 11/\_\_\_\_\_, 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 21<sup>st</sup> day of December, 2005.

Jeremy Black  
Jeremy Black (signature)

**NOTARIAL CERTIFICATE**

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

Subscribed and sworn to before me this 21st day of December, 2005. by Jeremy Black

Notary Public: [Signature] My commission expires: 5/1/08



IN TESTIMONY WHEREOF, I have hereunto set my hand this 21<sup>st</sup> day of DECEMBER 2005.

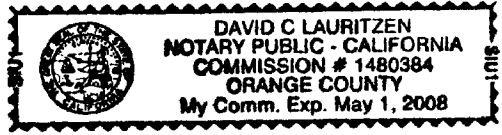
Patrick H. Hayes  
Patrick H. Hayes (signature)

NOTARIAL CERTIFICATE

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

Subscribed and sworn to before me this 21<sup>st</sup> day of Dec, 2005, by Patrick H. Hayes.

Notary Public: [Signature] My commission expires: 5/1/08  
(signature)



chi-fs1\169340v27