

## PATENT ASSIGNMENT COVER SHEET

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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>MICHAEL D. ELLIS</td> <td>06/21/2000</td> </tr> <tr> <td>EDWARD B. KNUDSON</td> <td>06/19/2000</td> </tr> </tbody> </table>		Name	Execution Date	MICHAEL D. ELLIS	06/21/2000	EDWARD B. KNUDSON	06/19/2000				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>UNITED VIDEO PROPERTIES, INC.</td> </tr> <tr> <td>Street Address:</td> <td>2830 DE LA CRUZ BOULEVARD</td> </tr> <tr> <td>City:</td> <td>SANTA CLARA</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95050</td> </tr> </table>		Name:	UNITED VIDEO PROPERTIES, INC.	Street Address:	2830 DE LA CRUZ BOULEVARD	City:	SANTA CLARA	State/Country:	CALIFORNIA	Postal Code:	95050
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CORRESPONDENCE DATA											
<p>Fax Number: (617)235-9492</p> <p>Email: maria.marley@ropesgray.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: ROPES &amp; GRAY LLP</p> <p>Address Line 1: 1211 AVENUE OF THE AMERICAS</p> <p>Address Line 4: NEW YORK, NEW YORK 10036</p>											
ATTORNEY DOCKET NUMBER:	003597-0152-105										
NAME OF SUBMITTER:	MARIA E. MARLEY										
Signature:	/MARIA E. MARLEY/										
Date:	10/24/2013										
<p>Total Attachments: 2</p> <p>source=003597-0152-105-Assginment#page1.tif</p> <p>source=003597-0152-105-Assginment#page2.tif</p>											

CH \$40.00 13933592

A S S I G N M E N T

WHEREAS, we, Michael D. Ellis and Edward B. Knudson, residing, respectively, at 1300 Kingwood Place, Boulder, Colorado 80304 and 11055 West Rowland Avenue, Littleton, Colorado 80127, have made an invention entitled:

INTERACTIVE TELEVISION PROGRAM GUIDE SYSTEM  
AND METHOD WITH NICHE HUBS

and are making an application for United States Letters Patent therefor, the same being executed by us on even date herewith; and

WHEREAS, UNITED VIDEO PROPERTIES, INC., a corporation organized and existing under the laws of Delaware and having an office and place of business at 7140 South Lewis Avenue, Tulsa, Oklahoma 74136, is desirous of acquiring the entire interest in said invention, said United States provisional patent application and in any Letters Patent which may be entitled to the benefit thereof;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) to us paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto the said UNITED VIDEO PROPERTIES, INC., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States provisional patent application, including any non-provisional patent applications claiming the benefit thereof and any continuations and divisions thereof, and

any substitute applications therefor, and any patents which may issue thereon, and any reissues of the same, and including the right to claim priority under the International Convention based on said provisional patent application; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same; and we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said UNITED VIDEO PROPERTIES, INC., as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, we have hereunto signed our names on the date(s) indicated hereinafter.

6/21/00

Date

Michael D. Ellis

Michael D. Ellis

6-19-00

Date

Edward B. Knudson

Edward B. Knudson