

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3904920

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	NUNC PRO TUNC ASSIGNMENT	
<b>EFFECTIVE DATE:</b>	03/01/1999	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	TV GUIDE, INC.	06/11/1999
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	UNITED VIDEO PROPERTIES, INC.	
<b>Street Address:</b>	TWO CIRCLE STAR WAY	
<b>City:</b>	SAN CARLOS	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	94070	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	12553519
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(617)235-9492	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Phone:</b>	6506174000	
<b>Email:</b>	Pharrison@ropesgray.com	
<b>Correspondent Name:</b>	ROPES & GRAY LLP	
<b>Address Line 1:</b>	1900 UNIVERSITY AVENUE	
<b>Address Line 2:</b>	6TH FLOOR	
<b>Address Line 4:</b>	EAST PALO ALTO, CALIFORNIA 94303-2284	
<b>ATTORNEY DOCKET NUMBER:</b>	003597-0037-104	
<b>NAME OF SUBMITTER:</b>	PAMELA HARRISON	
<b>SIGNATURE:</b>	/Pamela Harrison/	
<b>DATE SIGNED:</b>	06/06/2016	
<b>Total Attachments: 3</b>		
source=003597-0037-104_TV_Guide_to_United_Video#page1.tif		
source=003597-0037-104_TV_Guide_to_United_Video#page2.tif		
source=003597-0037-104_TV_Guide_to_United_Video#page3.tif		

C O N F I R M A T O R Y   A S S I G N M E N T

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 74136-5422, obtained by assignment from TV Guide, 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 74136-5422, all of the right, title, and interest of said TV Guide, Inc. in and to United States patent application Serial No. 08/944,162, filed October 6, 1997, and the inventions disclosed therein, said assignment being dated March 1, 1999; and

WHEREAS, said TV Guide, Inc. is desirous of confirming the transfer of the right, title, and interest of said TV Guide, Inc. in and to said United States patent application Serial No. 08/944,162, filed October 6, 1997, and said inventions to said UNITED VIDEO PROPERTIES, INC., its successors, assigns and legal representatives;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, TV Guide, Inc. does hereby sell, assign and transfer unto said UNITED VIDEO PROPERTIES, INC., its successors, assigns and legal representatives, nunc pro tunc as of March 1, 1999, all right, title and interest in and to said inventions and any improvements thereon for all countries of the world, and in and to said United

States patent application Serial No. 08/944,162, filed October 6, 1997, including any continuations and divisions thereof, and any substitute applications therefor, and including the right to claim priority under the International Convention based on said patent application, and any patent which has issued or may issue thereon, and any reissues of the same; and all right, title and interest in and to every patent application filed or to be filed on said inventions 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 TV Guide, Inc. hereby authorizes and requests competent authorities to grant and issue any and all patents on said inventions to said UNITED VIDEO PROPERTIES, INC., its successors, assigns, and legal representatives, as the assignee of the entire interest therein; and TV Guide, Inc. further agrees to execute upon request of said UNITED VIDEO PROPERTIES, INC., its successors, assigns, and legal representatives, such additional documents, if any, as are necessary and proper to secure patent protection on said inventions 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, the undersigned has signed his name and affixed his seal on the date indicated hereinafter.

TV Guide, Inc.

By: 

Name: Charles B. Ammann

Title: Senior Vice President

Date: June 11, 1999