

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT		
EFFECTIVE DATE:	03/01/1999		
CONVEYING PARTY DATA			
Name			Execution Date
TV GUIDE NETWORKS, INC.			04/19/1999
RECEIVING PARTY DATA			
Name:	UNITED VIDEO PROPERTIES, INC.		
Street Address:	2830 DE LA CRUZ BOULEVARD		
City:	SANTA CLARA		
State/Country:	CALIFORNIA		
Postal Code:	95050		
PROPERTY NUMBERS Total: 1			
Property Type	Number		
Patent Number:	6519770		
CORRESPONDENCE DATA			
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<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>			
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NAME OF SUBMITTER:	CHRISTINE M. COLBERT		
SIGNATURE:	/Christine M. Colbert/		
DATE SIGNED:	06/29/2015		
Total Attachments: 2			
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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, obtained by assignment from TV Guide Networks, Inc. all right, title, and interest in and to United States patent application Serial No. 08/857,977, filed May 16, 1997, said assignment having been executed on March 1, 1999; and

WHEREAS, said TV Guide Networks, Inc. is desirous of confirming the transfer of the right, title, and interest in and to said United States patent application Serial No. 08/857,977 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 Networks, 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 invention and any improvements thereon for all countries of the world, and in and to said United States patent application 08/857,977, 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

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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 TV Guide Networks, Inc. hereby authorizes and requests competent authorities to grant and issue any and all patents on said invention to said UNITED VIDEO PROPERTIES, INC., its successors, assigns, and legal representatives, as the assignee of the entire interest therein; and TV Guide Networks, 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 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, I have hereunto signed my name and affixed my seal on the date indicated hereinafter.

4-14-99

Date



Charles B. Ammann
Senior Vice President
TV Guide Networks, Inc.