

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
EDWARD B. KNUDSON	09/21/1999
JOEL G. HASSELL	09/20/1999
MICHAEL D. ELLIS	09/20/1999
WILLIAM L. THOMAS	09/26/1999
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
Application Number:	14727009
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NAME OF SUBMITTER:	LINDA BLAKE
SIGNATURE:	/Linda Blake/
DATE SIGNED:	06/02/2015
Total Attachments: 2	
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A S S I G N M E N T

WHEREAS, we, Edward B. Knudson, Joel G. Hassell, Michael D. Ellis, and William L. Thomas, respectively residing at 11055 West Rowland Avenue, Littleton, Colorado 80127; 8246 Yarrow Court, Arvada, Colorado 80005; 1300 Kingwood Place, Boulder, Colorado 80304; and 11611 South 70th East Avenue, Bixby, Oklahoma 74008, have made an invention in:

ELECTRONIC PROGRAM GUIDE
COMBINATION CATEGORY SEARCH

and have made application for United States Letters Patent therefor, the same having been executed by us on even date or dates herewith; and

WHEREAS, UNITED VIDEO PROPERTIES, INC., a corporation organized and existing under the laws of the State 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 patent application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid to us, 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 patent application, 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 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 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 and affixed our seals on the date or dates indicated hereinafter.

9-21-99

Date


Edward B. Knudson

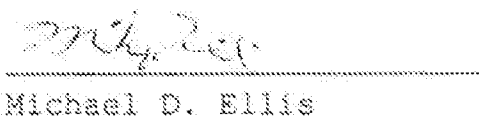
9/20/99

Date


Joel G. Hassell

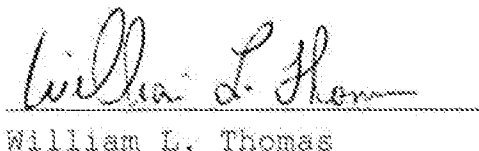
9/20/99

Date


Michael D. Ellis

9/26/99

Date


William L. Thomas