

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3904893

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MICHAEL D. ELLIS	08/28/1998
EDWARD B. KNUDSON	08/28/1998
WILLIAM L. THOMAS	08/28/1998
BRUCE L. DAVIS	08/29/1998
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TCI-TVGOS, INC.
<b>Street Address:</b>	5619 DTC PARKWAY
<b>City:</b>	ENGLEWOOD
<b>State/Country:</b>	COLORADO
<b>Postal Code:</b>	80111
<b>Name:</b>	NEWS AMERICA PUBLICATIONS INC.
<b>Street Address:</b>	1211 AVENUE OF THE AMERICAS
<b>City:</b>	NEW YORK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10036
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	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
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<b>Correspondent Name:</b>	ROPES & GRAY LLP
<b>Address Line 1:</b>	1900 UNIVERSITY AVENUE
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<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: 6</b> source=003597-0037-104_Inventor_Assignment#page1.tif source=003597-0037-104_Inventor_Assignment#page2.tif source=003597-0037-104_Inventor_Assignment#page3.tif source=003597-0037-104_Inventor_Assignment#page4.tif source=003597-0037-104_Inventor_Assignment#page5.tif source=003597-0037-104_Inventor_Assignment#page6.tif	

A S S I G N M E N T

WHEREAS, we, Michael D. Ellis, Edward B. Knudson, William L. Thomas, and Bruce L. Davis, respectively residing at 1300 Kingwood Place, Boulder, Colorado 80304, 11055 West Rowland Avenue, Littleton, Colorado 80127, 11611 South 70th East Avenue, Bixby, Oklahoma 74008, and 333 South State Street #145, Lake Oswego, Oregon 97034, have made an invention entitled:

INTERACTIVE TELEVISION PROGRAM GUIDE SYSTEM  
WITH OPERATOR SHOWCASE

and have made application for United States Letters Patent therefor, the same having been filed on October 6, 1997 as United States Patent Application No. 08/944,162; and

WHEREAS, TCI-TVGOS, INC., a corporation incorporated under the laws of Colorado, and having an office at 5619 DTC Parkway, Englewood, Colorado 80111, and NEWS AMERICA PUBLICATIONS INC., a corporation incorporated under the laws of the state of Delaware, and having an office at 1211 Avenue of the Americas, New York, New York 10036, are each desirous of acquiring a fifty percent (50%) 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 of sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto each of the said TCI-TVGOS, INC., its successors, assigns and legal representatives, and the said NEWS AMERICA PUBLICATIONS INC., its successors, assigns and legal representatives, a respective undivided fifty percent (50%) 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 TCI-TVGOS, INC., and the said NEWS AMERICA PUBLICATIONS INC., as the assignees of respective fifty percent (50%) interests therein; and we further agree to execute upon request of the assignees 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 assignees under this Assignment.

IN TESTIMONY WHEREOF, we have hereunto signed our names and affixed our seals on the date or dates indicated hereinafter.

8/28/98

Date

Michael D. Ellis

Michael D. Ellis

STATE OF Colo. )

; ss.:

COUNTY OF Arapahoe

On this 28th day of Aug., 1998, appeared before me in person the above-named Michael D. Ellis and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.

Denise A. Starnes

Notary Public

(Notarial seal)

My Commission expires:

May 11, 1999

8.28-98  
Date

Edward B. Knudson  
Edward B. Knudson

STATE OF Colo. )  
: ss.:  
COUNTY OF Arapahoe

On this 28th day of Aug., 1998, appeared before me in person the above-named Edward B. Knudson and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.

Dore L. Stahler  
Notary Public

(Notarial seal)

My Commission expires:

May 11, 1999

8/28/98  
Date

William L. Thomas  
William L. Thomas

STATE OF Oklahoma )

COUNTY OF  Tulsa  ) ; ss.:

On this 28th day of August, 1998, appeared before me in person the above-named William L. Thomas and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.

Mick M. O'Neal  
Notary Public

(Notarial seal)

My Commission expires:

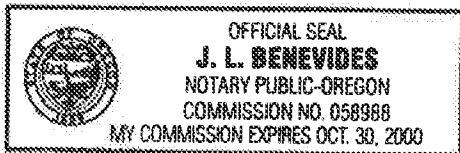
12-18-99

8/29/98  
Date

B L Davis  
Bruce L. Davis

STATE OF OREGON )  
COUNTY OF CLATSOP : ss.:

On this 29th day of August, 1998, appeared before me in person the above-named Bruce L. Davis and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.



(Notarial seal)

J. L. Benevides  
Notary Public

My Commission expires:

OCT 30, 2000