

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT3450582

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT	
EFFECTIVE DATE:	03/01/1999	
CONVEYING PARTY DATA		
	Name	Execution Date
	TCI-TVGOS, INC.	06/16/1999
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:	10357154
CORRESPONDENCE DATA		
Fax Number:	(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>		
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Correspondent Name:	ROPES & GRAY LLP	
Address Line 1:	1900 UNIVERSITY AVENUE	
Address Line 2:	6TH FLOOR	
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ATTORNEY DOCKET NUMBER:	003597-0144-104	
NAME OF SUBMITTER:	PAMELA HARRISON	
SIGNATURE:	/Pamela Harrison/	
DATE SIGNED:	07/22/2015	
Total Attachments: 3		
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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 74136-5422, obtained by assignment from TCI-TVGOS, Inc., a corporation organized and existing under the laws of Colorado and having an office and place of business at 5619 DTC Parkway, Englewood, Colorado 80111, all of the right, title, and interest of said TCI-TVGOS, Inc. in and to United States patent application Serial No. 08/775,479, filed December 30, 1996, and the inventions disclosed therein, said assignment being dated March 1, 1999; and

WHEREAS, said TCI-TVGOS, Inc. is desirous of confirming the transfer of the right, title, and interest of said TCI-TVGOS, Inc. in and to said United States patent application Serial No. 08/775,479, filed December 30, 1996, 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, TCI-TVGOS, 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. 08/775,479, filed December 30, 1996, 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 TCI-TVGOS, 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 TCI-TVGOS, 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 her name and affixed her seal on the date indicated hereinafter.

TCI-TYGOS, Inc.

By: Vivian J. Carr

Name: Vivian J. Carr

Title: Vice President

Date: 6/16/99

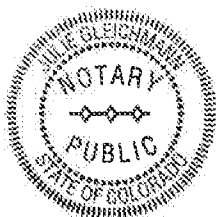
STATE OF Colorado)
COUNTY OF Arapahoe)

On this 16th day of June, 1999, appeared before me in person the above-named Vivian J. Carr and acknowledged the above to be her signature and that she signed, sealed and delivered the above instrument as her voluntary act and deed, and for the uses and purposes therein set forth.

Julie Gleichman
Notary Public

(Notarial seal)

My Commission expires:



MY COMMISSION EXPIRES:
SEPTEMBER 23, 2001