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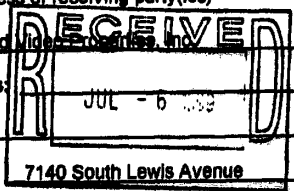
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To the Honorable Commission of Patents

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attached original documents or copy thereof.

<p>1. Name of conveying party(ies): TCI-TVGOS, Inc.</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies) Name: <u>United Video Services, Inc.</u> Internal Address: Street Address: <u>7140 South Lewis Avenue</u> City: <u>Tulsa</u> State: <u>Oklahoma</u> ZIP: <u>74136-5422</u></p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance: <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other <u>Confirmatory Assignment</u></p> <p>Execution Date: <u>June 16, 1999</u></p>	



4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)	B. Patent No.(s) <u>5,559,548</u>
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Additional numbers attached?  Yes  No

<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>G. Victor Trevz</u> Internal Address: Street Address: <u>Fish &amp; Neave</u> <u>1251 Avenue of the Americas</u> City: <u>New York</u> State: <u>NY</u> ZIP: <u>10020-1104</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account <input checked="" type="checkbox"/> Charge excess/credit overpayment to deposit account</p> <p>8. Deposit account number: <u>06-1075</u> (Attach duplicate copy of this page if paying by deposit account)</p>
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9. Statement and signature.  
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

G. Victor Trevz G. Victor Trevz 6/29/99  
Name of Person Signing Signature Date

Reg. No. 36,284 Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:  
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PATENT  
REEL: 010061 FRAME: 0537

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. 08/311,475, filed September 23, 1994, now United States patent No. 5,559,548, 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. 08/311,475, filed September 23, 1994, now United States patent No. 5,559,548, 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

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countries of the world, and in and to said United States patent application Serial No. 08/311,475, filed September 23, 1994, now United States patent No. 5,559,548, 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.

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IN TESTIMONY WHEREOF, the undersigned has signed her name and affixed her seal on the date indicated hereinafter.

TCI-TYGOS, Inc.

By: *Vivian Carr*

Name: Vivian J. Carr

Title: Vice President

Date: 6/16/99

STATE OF Colorado )

COUNTY OF Arapahoe )

On this 16 th 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 Gleichmann*  
Notary Public

(Notarial seal)

My Commission expires:



MY COMMISSION EXPIRES:  
SEPTEMBER 23, 2001

RECORDED: 07/06/1999

PATENT  
REEL: 010061 FRAME: 0540