# Patent Assignment

**SUBMISSION TYPE:** NEW ASSIGNMENT  
**NATURE OF CONVEYANCE:** ASSIGNMENT

## Conveying Party Data

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tele-Communications of Colorado, Inc.</td>
<td>06/17/1999</td>
</tr>
</tbody>
</table>

## Receiving Party Data

<table>
<thead>
<tr>
<th>Name</th>
<th>TCI-TVGOS, INC.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address</td>
<td>5619 DTC Parkway</td>
</tr>
<tr>
<td>City</td>
<td>Englewood</td>
</tr>
<tr>
<td>State/Country</td>
<td>COLORADO</td>
</tr>
<tr>
<td>Postal Code</td>
<td>80111</td>
</tr>
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### Property Numbers Total: 5

<table>
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<tr>
<th>Property Type</th>
<th>Number</th>
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<tbody>
<tr>
<td>Patent Number</td>
<td>6373528</td>
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<td>Patent Number</td>
<td>6331877</td>
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<td>Patent Number</td>
<td>6728967</td>
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<td>Patent Number</td>
<td>7225455</td>
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<td>Patent Number</td>
<td>7100185</td>
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## Correspondence Data

- **Fax Number:** (617)235-9492  
  *Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*
- **Phone:** (212) 596-9000
- **Email:** baaba.andam@ropesgray.com
- **Correspondent Name:** Ropes & Gray LLP
- **Address Line 1:** 1211 Avenue of the Americas
- **Address Line 4:** New York, NEW YORK 10036

**Attorney Docket Number:** 003596-0283  
**Name of Submitter:** Baaba Andam
CONFIRMATORY ASSIGNMENT

WHEREAS, 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, obtained by assignment from Tele-Communications of Colorado, Inc., a corporation organized and existing under the laws of Colorado and having a place of business at 5619 DTC Parkway, Englewood, Colorado, 80111, all of the right, title, and interest of said Tele-Communications of Colorado, Inc. in and to United States patent application Serial No. 08/119,367, filed September 9, 1993, and the inventions disclosed therein, said assignment being dated June 1, 1993; and

WHEREAS, said Tele-Communications of Colorado, Inc. is desirous of confirming the transfer of the right, title, and interest of said Tele-Communications of Colorado, Inc. in and to said United States patent application Serial No. 08/119,367, filed September 9, 1993, and said inventions to said TCI-TVGOS, 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, Tele-Communications of Colorado, Inc. does hereby sell, assign and transfer unto said TCI-TVGOS, INC., its successors, assigns and legal representatives, nunc pro tunc as of June 1, 1998, 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. 08/119,367,
filed September 9, 1993, 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 Tele-Communications of Colorado, Inc.
hereby authorizes and requests competent authorities to
grant and issue any and all patents on said inventions
to said TCI-TVGOS, INC., its successors, assigns, and
legal representatives, as the assignee of the entire
interest therein; and Tele-Communications of Colorado,
Inc. further agrees to execute upon request of said
TCI-TVGOS, 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 his name and affixed his seal on the date indicated hereinafter.

Tele-Communications of Colorado, Inc.

By: ______________________

Name: Stephen M. Brett

Title: Vice President

Date: June 12, 1999

STATE OF Colorado

COUNTY OF Douglas

On this 17th day of June, 1999, appeared before me in person the above-named Stephen M. Brett 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.

[Signature]
Notary Public

(Notarial seal) My Commission expires:

[Seal]