



FORM PTO-1619A  
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U.S. Department of Commerce  
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**PATENT**

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3-14-03

- ☒ New  
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**Conveyance Type**

- ☒ Assignment ☐ Security Agreement  
☐ License ☐ Change of Name  
☐ Merger ☐ Other   
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Mail documents to be recorded with required cover sheet(s) information to:  
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**PATENT**  
**REEL: 013866 FRAME: 0802**

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**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

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**Application Number(s) or Patent Number(s)**

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number  
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has not been assigned.

PCT

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**Number of Properties**

Enter the total number of properties involved.

#

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:  
Deposit Account

Enclosed ☐

Deposit Account ☒

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

Authorization to charge additional fees:

Yes

☒

No

☐

**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. Charges to deposit account are authorized, as indicated herein.*

Michael A. Glenn

Signature

March 14, 2003

Name of Person Signing

Date

## ASSIGNMENT

WHEREAS, I, Alan Moskowitz, hereinafter referred to as "ASSIGNOR", have invented certain new and useful improvements, as described and set forth in the below-identified application for United States Letters Patent:

**Title of Invention: Analog Television Signal Data Delivery System**

WHEREAS, TiVo Inc., a corporation duly organized under and pursuant to the laws of the State of California, and having its principal place of business at 2160 Gold Street, P.O. Box 2160, Alviso, CA 95002-2160, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title, and interest in the said invention and application and in any Letters Patent which may be granted with regard to the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for One Dollar (\$1.00) and other good and valuable consideration, ASSIGNOR have sold, assigned, and transferred, and by these presents does sell, assign, and transfer unto the said ASSIGNEE, and ASSIGNEE'S successors and assigns, all right, title, and interest in and to said invention, said application for United States Letters Patent and any Letters Patent which may be hereafter granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or part, substitutions, conversions, reissues, revivals, prolongation, or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR had this assignment and transfer not been made, for all time.

ASSIGNOR further agree that they will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE may lawfully request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE'S successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR have hereunto signed their names to the assignment on the date indicated below.

  
\_\_\_\_\_  
Alan Moskowitz

14 January 2003  
\_\_\_\_\_  
Date