

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3759958

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
CITIGROUP GLOBAL MARKETS REALTY CORP., AS ADMINISTRATIVE AGENT	04/29/2011
RECEIVING PARTY DATA	
Name:	TIVO INC.
Street Address:	2160 GOLD STREET
Internal Address:	P.O. BOX 2160
City:	ALVISO
State/Country:	CALIFORNIA
Postal Code:	95002
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	8824865
CORRESPONDENCE DATA	
Fax Number:	(650)670-8813
<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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ATTORNEY DOCKET NUMBER:	60097-0510
NAME OF SUBMITTER:	KIRK D. WONG
SIGNATURE:	/KirkDWong#43284/
DATE SIGNED:	02/29/2016
Total Attachments: 6	
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INTELLECTUAL PROPERTY SECURITY RELEASE

THIS INTELLECTUAL PROPERTY SECURITY RELEASE is executed by CITIGROUP GLOBAL MARKETS REALTY CORP. ("Administrative Agent") for TIVO INC. ("Grantor"), with reference to the following:

WHEREAS, Grantor is the owner of the intellectual property set forth in Exhibit A, attached hereto (the "Intellectual Property"); and

WHEREAS, Grantor granted a security interest to Administrative Agent in the Intellectual Property pursuant to that certain Intellectual Property Security Agreement dated January 25, 2007 ("Security Agreement") by and between Grantor and Administrative Agent in its capacity as administrative agent for the "Secured Parties," as defined in the Security Agreement and as further defined in the Credit Agreement dated as of January 25, 2007 ("Credit Agreement"); and

WHEREAS Grantor has fully repaid and discharged its obligations to the Secured Parties under the Credit Agreement and the Security Agreement, and Administrative Agent wishes to release and discharge Grantor from the terms and conditions set forth in said Security Agreement.

NOW, THEREFORE, in its capacity as administrative agent for the Secured Parties, Administrative Agent (1) hereby releases and discharges Grantor from the terms and conditions set forth in said Security Agreement, including without limitation, a full and complete release of the security interest in the Intellectual Property evidenced thereby or otherwise arising therefrom; and (2) hereby transfers, assigns and reconveys to Grantor all of its right, title and interest in and to the Intellectual Property.

IN WITNESS WHEREOF, Administrative Agent has caused this Intellectual
Property Security Release to be duly executed effective Apr. 29, 2011

CITIGROUP GLOBAL MARKETS REALTY
CORP., as Administrative Agent for the
Secured Parties

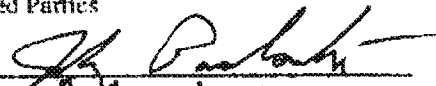
By: 
Title: Authorized Signer

EXHIBIT A

1. United States Patents

Patent Number	Grant Date	Patent Title
5,757,417	5/26/1998	Method And Apparatus For Screening Audio-Visual Materials Presented To A Subscriber
5,872,588	2/16/1999	Method And Apparatus For Monitoring Audio-Visual Materials Presented To A Subscriber
6,642,939	11/4/2003	Multimedia Schedule Presentation System
6,643,798	11/4/2003	Self-Test Electronic Assembly And Test System
6,169,541 B1	1/2/2001	Method, Apparatus And System For Integrating Television Signals With Internet Access
6,184,877 B1	2/6/2001	System And Method For Interactively Accessing Program Information On A Television
6,215,526 B1	4/10/2001	Analog Video Tagging And Encoding System
6,310,886 B1	10/30/2001	Method And Apparatus Implementing A Multimedia Digital Network
6,327,418 B1	12/4/2001	Method And Apparatus Implementing Random Access And Time-Based Functions On A Continuous Stream Of Formatted Digital Data
6,385,739 B1	5/7/2002	Self-Test Electronic Assembly And Test System
6,487,646 B1	11/26/2002	Apparatus and Method Capable of Restricting Access to a Digital Storage Device
6,490,722 B1	12/3/2002	Software Installation And Recovery System
6,535,253 B2	3/18/2003	Analog Video Tagging And Encoding System
6,681,396 B1	1/20/2004	Automated Detection/Resumption Of Interrupted Television Programs
6,721,953 B1	4/13/2004	Display Of Television Program Information Using Dynamically-Adjusted Scroll Rate
6,728,713 B1	4/27/2004	Distributed Database Management System
6,757,837 B1	6/29/2004	Method And Apparatus For Software Failure Diagnosis And Repair
6,757,906 B1	6/29/2004	Television Viewer Interface System
6,792,195 B2	9/14/2004	Method And Apparatus Implementing Random Access And Time-Based Functions On A Continuous Stream Of Formatted Digital Data
6,847,778 B1	1/25/2005	Multimedia Visual Progress Indication System
6,850,691 B1	2/1/2005	Automatic Playback Overshoot Correction System
6,868,225 B1	3/15/2005	Multimedia Program Bookmarking System
6,965,730 B2	11/15/2005	Method For Improving Bandwidth Efficiency
7,055,031 B2	5/30/2006	Method For Generation, Delivery, And Validation Of Electronic Coupons Through Personal TV Service System
7,158,531 B2	1/2/2007	Method And Apparatus Implementing A Multimedia Digital Network
7,200,321 B2	4/3/2007	Method And Apparatus For Creating An Expanded Functionality Digital Video Disc
7,216,235 B1	5/8/2007	Drive/Host Locking System

Patent Number	Grant Date	Patent Title
7,228,556 B2	6/5/2007	Distributed, Interactive Television Program Guide, System And Method
7,321,716 B1	1/22/2008	Multimedia Visual Progress Indication System
7,409,546 B2	8/5/2008	Cryptographically Signed Filesystem
7,484,234 B1	1/27/2009	Method And Apparatus For Controlling At Least One Set-Top Box
D424,061	5/2/2000	Remote Control
D424,577	5/9/2000	Remote Control Housing
D431,552	10/3/2000	Remote Control
D433,403	11/7/2000	Remote Control
D434,043	11/21/2000	Bezel
D435,561	12/26/2000	Replay Bar
D445,801	7/31/2001	Menu For A Graphical Electronic Display
D463,788	10/1/2002	Remote Control
D517,059	3/14/2006	DVR Bezel
D551,668	9/25/2007	Wireless Network Adapter
D552,610	10/9/2007	Wireless Network Adapter With Antenna

2. United States Patent Applications

Application No.	Filing Date	Patent Application Title
09/740,618	12/18/2000	Method For Enhancing Digital Video Recorder Television Advertising Viewership
09/827,029	4/5/2001	Multimedia Time Warping System
09/935,426	8/22/2001	Multimedia Signal Processing System
10/081,776	2/20/2002	Multiple Outlet Digital Video Recording System
10/168,070	12/14/2000	Intelligent System And Methods of Recommending Media Content Items Based On User Preferences
10/168,782	6/21/2002	Intelligent Peer-To-Peer System And Method For Collaborative Suggestions And Propagation Of Media
10/168,808	12/14/2000	Intelligent System And Methods Of Recommending Media Content Items Based On User Preferences
10/168,976	6/21/2002	Broadcast Program Recording Overrun And Underrun Scheduling System
10/189,989	7/5/2002	Audience Measurement System
10/190,256	7/5/2002	Smart Card Digital Video Recorder System
10/220,356	3/2/2001	Conditional Access System And Method For Prevention Of Replay Attacks
10/220,558	8/29/2002	System And Method For Internet Access To A Personal Television Service
10/339,684	1/6/2003	Analog Television Signal Data Delivery System

Application No.	Filing Date	Patent Application Title
10/339,698	1/8/2003	Electronic Content Distribution And Exchange System
10/339,699	1/8/2003	Client-Side Multimedia Content Targeting System
10/339,700	1/8/2003	System For Remotely Controlling Client Recording And Storage Behavior
10/418,646	4/18/2003	Digital Video Recorder System With An Integrated DVD Recording Device
10/425,308	4/28/2003	Smart Broadcast Program Recording Padding And Scheduling System
10/425,331	4/28/2003	Method And Apparatus For Creating An Enhanced Photo Digital Video Disc
10/741,596	12/18/2003	Secure Multimedia Transfer System
10/742,581	12/18/2003	Method Of Sharing Personal Media Using Digital Recorder
10/923,445	8/20/2004	Television Viewer Interface System
10/958,897	10/4/2004	Modifying Commercials For Multi-Speed Playback
11/051,347	2/4/2005	Multimedia Time Warping System
11/105,011	4/12/2005	Multimedia Mobile Personalization System
11/105,032	4/12/2005	Multicasting Multimedia Content Distribution System
11/182,135	7/14/2005	Closed Caption Tagging System
11/182,554	7/15/2005	Method For Enhancing Digital Video Recorder Television Advertising Viewership
11/182,876	7/14/2005	Closed Caption Tagging System
11/284,457	11/21/2005	Method And Apparatus For Displaying Branded Video Tags
11/285,411	11/21/2005	Method And Apparatus For Secure Transfer Of Previously Broadcasted Content
11/285,416	11/21/2005	Method And Apparatus For Secure Transfer And Playback Of Multimedia Content
11/473,543	6/22/2006	In-Band Data Recognition And Synchronization System
11/473,990	6/22/2006	Method And Apparatus For Creating And Viewing Customized Multimedia Segments
11/474,039	6/23/2006	Method And Apparatus For Advertisement Placement In A User Dialog On A Set-Top Box
11/474,141	6/22/2006	Client-Side Multimedia Content Targeting System
11/492,281	7/24/2006	Method And Apparatus For Advertisement Placement In A User Dialog On A Set-Top Box
11/519,717	9/11/2006	Personal Content Distribution Network
11/586,774	10/25/2006	Cryptographically Signed Filesystem
11/649,427	1/3/2007	Authorable Content Rating System
11/649,444	1/3/2007	Recommended Recording And Downloading Guides
11/713,242	3/1/2007	Customizing DVR Functionality
11/713,368	3/1/2007	Method And Apparatus For Restricting DVD Content
11/725,908	3/19/2007	Multimedia Time Warping System

Application No.	Filing Date	Patent Application Title
11/726,054	3/20/2007	Digital Security Surveillance System
11/757,958	6/4/2007	Distributed, Interactive Television Program Guide; System And Method
11/928,828	10/30/2007	Performing Trick Play Functions In A Digital Video Recorded With Efficient Use Of Resources
11/981,417	10/30/2007	Method And Apparatus For Downloading Ancillary Program Data To A DVR
11/982,256	10/31/2007	Method For Enhancing Television Advertising Viewership
12/042,220	3/4/2008	Multimedia Visual Progress Indication System
12/042,232	3/4/2008	Multimedia Visual Progress Indication System
12/121,557	5/15/2008	Multimedia Content Search And Recording Scheduling System
12/121,619	5/15/2008	Swivel Search System
12/125,002	5/21/2008	Multimedia Signal Processing System
12/140,182	6/16/2008	System And Method For Internet Access To A Personal Television Service