

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM581785

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST

## CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
MORGAN STANLEY SENIOR FUNDING, INC.		06/01/2020	Corporation: DELAWARE

## RECEIVING PARTY DATA

<b>Name:</b>	APTIV DIGITAL LLC
<b>Street Address:</b>	2160 Gold Street
<b>City:</b>	San Jose
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95002
<b>Entity Type:</b>	Limited Liability Company: DELAWARE
<b>Name:</b>	GEMSTAR DEVELOPMENT LLC
<b>Street Address:</b>	2160 Gold Street
<b>City:</b>	San Jose
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95002
<b>Entity Type:</b>	Limited Liability Company: CALIFORNIA
<b>Name:</b>	ROVI CORPORATION
<b>Street Address:</b>	2160 Gold Street
<b>City:</b>	San Jose
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95002
<b>Entity Type:</b>	Corporation: DELAWARE
<b>Name:</b>	ROVI DATA SOLUTIONS, INC.
<b>Street Address:</b>	2160 Gold Street
<b>City:</b>	San Jose
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95002
<b>Entity Type:</b>	Corporation: DELAWARE
<b>Name:</b>	ROVI GUIDES, INC.
<b>Street Address:</b>	2160 Gold Street
<b>City:</b>	San Jose

CH \$2590.00 3401771

<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95002
<b>Entity Type:</b>	Corporation: DELAWARE
<b>Name:</b>	ROVI SOLUTIONS CORPORATION
<b>Street Address:</b>	2160 Gold Street
<b>City:</b>	San Jose
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95002
<b>Entity Type:</b>	Corporation: DELAWARE
<b>Name:</b>	ROVI TECHNOLOGIES CORPORATION
<b>Street Address:</b>	2160 Gold Street
<b>City:</b>	San Jose
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95002
<b>Entity Type:</b>	Corporation: DELAWARE
<b>Name:</b>	SONIC SOLUTIONS LLC
<b>Street Address:</b>	2160 Gold Street
<b>City:</b>	San Jose
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95002
<b>Entity Type:</b>	Limited Liability Company: CALIFORNIA
<b>Name:</b>	TIVO BRANDS LLC
<b>Street Address:</b>	2160 Gold Street
<b>City:</b>	San Jose
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95002
<b>Entity Type:</b>	Limited Liability Company: DELAWARE
<b>Name:</b>	TIVO RESEARCH AND ANALYTICS, INC.
<b>Street Address:</b>	2160 Gold Street
<b>City:</b>	San Jose
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95002
<b>Entity Type:</b>	Corporation: DELAWARE
<b>Name:</b>	TIVO SOLUTIONS INC.
<b>Street Address:</b>	2160 Gold Street
<b>City:</b>	San Jose
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95002
<b>Entity Type:</b>	Corporation: DELAWARE

**TRADEMARK**

**REEL: 006973 FRAME: 0408**

**PROPERTY NUMBERS Total: 103**

<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>
Registration Number:	3401771	
Registration Number:	2996654	
Registration Number:	1899640	C3
Registration Number:	3809540	DIGITALSMITHS
Registration Number:	2379770	DVDIT
Registration Number:	3841500	
Registration Number:	4969098	FAN TV
Registration Number:	4969099	FAN TV
Registration Number:	4359351	FANHATTAN
Registration Number:	4396995	A
Registration Number:	3395255	I-GUIDE
Registration Number:	2557972	
Registration Number:	3382751	ISUBSCRIBE
Registration Number:	2526316	
Registration Number:	3680697	MEDIA TRANALYTICS
Registration Number:	4338981	METAFRAME
Registration Number:	3208024	MUZE
Registration Number:	1758885	MUZE
Registration Number:	2614527	MUZEGAMES
Registration Number:	3038607	PASSPORT
Registration Number:	3796417	PASSTIME
Registration Number:	5392350	QUICKMODE
Registration Number:	1598413	RETROSPECT
Registration Number:	4769852	ROAMIO
Registration Number:	5571679	ROAMIO OTA VOX
Registration Number:	4102731	ROVI
Registration Number:	4694434	S
Registration Number:	4856353	SEAMLESS INSIGHT
Registration Number:	3414013	SEASON PASS
Registration Number:	3401774	
Registration Number:	5423935	SKIPMODE
Registration Number:	5466557	SMARTBAR
Registration Number:	3398481	
Registration Number:	3398479	
Registration Number:	3398480	
Registration Number:	4615897	STASH
Registration Number:	4750490	STASH

Property Type	Number	Word Mark
Registration Number:	2267273	THE ENCYCLOPEDIA OF POPULAR MUSIC
Registration Number:	3875703	THE ENCYCLOPEDIA OF POPULAR MUSIC
Registration Number:	2920968	
Registration Number:	5375658	
Registration Number:	5375657	
Registration Number:	2920969	
Registration Number:	4505168	
Registration Number:	3401773	
Registration Number:	3902808	TIVO
Registration Number:	4713517	TIVO
Registration Number:	3821425	TIVO
Registration Number:	3983234	TIVO
Registration Number:	2642755	TIVO
Registration Number:	2423757	TIVO
Registration Number:	3650220	TIVO
Registration Number:	2566471	TIVO
Registration Number:	4979817	TIVO BOLT
Registration Number:	4979818	TIVO BOLT
Registration Number:	4979819	TIVO BOLT
Registration Number:	5499092	TIVO BOLT VOX
Registration Number:	5499093	TIVO BOLT VOX
Registration Number:	5499094	TIVO BOLT VOX
Registration Number:	2436483	TIVO CENTRAL
Registration Number:	4685145	0101010000110100100101011001101111
Registration Number:	4498968	0101010000110100100101011001101111
Registration Number:	4664194	0101010000110100101101011001101111
Registration Number:	5499074	TIVO MINI VOX
Registration Number:	5499075	TIVO MINI VOX
Registration Number:	5675897	TIVO MINI VOX
Registration Number:	4820459	TIVO ROAMIO
Registration Number:	3835635	
Registration Number:	3803755	
Registration Number:	3729286	
Registration Number:	3729287	
Registration Number:	3401772	
Registration Number:	5469804	TIVO VOX REMOTE
Registration Number:	4419057	TOTALCODE
Registration Number:	4384565	TOTALGUIDE XD

Property Type	Number	Word Mark
Registration Number:	4824831	TOTALTV
Registration Number:	4786352	TRA
Registration Number:	5166653	UNIFIED DATA SERVICE
Registration Number:	2262232	VCR PLUS+
Registration Number:	2721527	WEBNOSTICS
Registration Number:	2962274	WISHLIST
Serial Number:	88237100	AEREO
Serial Number:	88237110	AEREO
Serial Number:	88236050	NEW WAY TO TV
Serial Number:	88236051	NEW WAY TO TV
Serial Number:	88236057	NEW WAY TO TV
Serial Number:	88236082	NEW WAY TO TV
Serial Number:	88236084	NEW WAY TO TV
Serial Number:	88366011	POWERED BY TIVO
Serial Number:	88366021	POWERED BY TIVO
Serial Number:	88366025	POWERED BY TIVO
Serial Number:	88193669	TIVO BOLT OTA
Serial Number:	88298160	TIVO BRIDGE PLUS
Serial Number:	88508670	TIVO EDGE
Serial Number:	88508674	TIVO EDGE
Serial Number:	88508678	TIVO EDGE
Serial Number:	88620719	TIVO LUX REMOTE
Serial Number:	87828411	TIVO
Serial Number:	87828417	TIVO
Serial Number:	87828420	TIVO
Serial Number:	87828394	
Serial Number:	87828398	
Serial Number:	87828404	

**CORRESPONDENCE DATA**

**Fax Number:** 2127352000

*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.*

**Phone:** 212-735-2811

**Email:** mribando@skadden.com

**Correspondent Name:** Skadden, Arps, Slate, Meagher & Flom LLP

**Address Line 1:** One Manhattan West

**Address Line 2:** Monique L. Ribando

**Address Line 4:** NEW YORK, NEW YORK 10001-8602

<b>ATTORNEY DOCKET NUMBER:</b>	107980/17
<b>NAME OF SUBMITTER:</b>	William J Casey
<b>SIGNATURE:</b>	/William J Casey/
<b>DATE SIGNED:</b>	06/17/2020

**Total Attachments: 9**

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**RELEASE OF SECURITY INTEREST IN TRADEMARKS**

Release of Security Interest in Trademarks, dated as of June 1, 2020 by MORGAN STANLEY SENIOR FUNDING, INC., as collateral agent (“Releasor”) to APTIV DIGITAL LLC, GEMSTAR DEVELOPMENT LLC, ROVI CORPORATION, ROVI DATA SOLUTIONS, INC., ROVI GUIDES, INC., ROVI SOLUTIONS CORPORATION, ROVI TECHNOLOGIES CORPORATION, SONIC SOLUTIONS LLC, TIVO BRANDS LLC, TIVO RESEARCH AND ANALYTICS, INC., and TIVO SOLUTIONS INC. (each individually, a “Releasee” and, collectively the “Releasees”).

**WITNESSETH:**

WHEREAS, pursuant to that certain Trademark Security Agreement, dated as of November 22, 2019 (the “Trademark Security Agreement”), recorded in the United States Patent and Trademark Office (“USPTO”) on November 25, 2019 under Reel/Frame 6803/0969 by Releasees to Releasor, each Releasee, as collateral security for the payment and performance in full of all the Secured Obligations, pledged and granted to Releasor for the benefit of the Secured Parties a lien on and security interest in and to all of its right, title and interest in, to and under all the following Pledged Collateral of such Releasee: (a) Trademarks of such Releasee listed on Schedule A hereto; (b) all goodwill associated with such Trademarks; (c) Trademark Licenses, pursuant to which a third party is granting rights to any Releasee, included in the Material Intellectual Property Collateral listed on Schedule A attached hereto; and (d) all Proceeds of any and all of the foregoing (other than Excluded Property) (collectively, the “Trademark Collateral”); and

WHEREAS, each Releasee has requested, and Releasor has agreed to execute, acknowledge and deliver, this Release of Security Interest in Trademarks to terminate the Trademark Security Agreement and confirm the release, relinquishment and discharge of its lien on and security interest in and to all of its right, title and interest in, to and under the Trademark Collateral.

NOW, THEREFORE, in consideration of and in exchange for good and valuable consideration, the sufficiency and receipt of which are hereby acknowledged, Releasor hereby agrees as follows:

SECTION 1. Defined Terms. Unless otherwise defined herein, capitalized terms used herein shall have the meaning given to them in the Trademark Security Agreement.

SECTION 2. Release of Security Interest. Releasor hereby, without any representation or warranty and without any recourse to Releasor, terminates the Trademark Security Agreement and hereby terminates, releases, relinquishes and discharges its lien on and security interest in and to all of its right, title and interest in, to and under the Trademark Collateral.

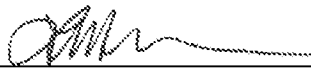
SECTION 3. Further Assurances. The Releasor further agrees to execute and deliver to each Releasee any and all further documents and instruments, and do any and all further acts which each Releasee (or its agents or designees) may reasonably request, at such Releasee’s sole cost and expense, in order to confirm this Release of Security Interest in Trademarks and such Releasee’s right, title, and interest in or to the Trademark Collateral.

SECTION 4. Governing Law. THIS RELEASE OF SECURITY INTEREST IN TRADEMARKS SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAW OF THE STATE OF NEW YORK.

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IN WITNESS WHEREOF, Releasor has caused this Release of Security Interest in Trademarks to be duly executed as of the date first written above.

MORGAN STANLEY SENIOR FUNDING,  
INC.

By:   
Name: Lisa Hanson  
Title: Vice President












**SCHEDULE A**







**TRADEMARKS**





To be attached.









**TRADE NAMES, TRADEMARKS, SERVICES MARKS, TRADEMARK AND SERVICE MARK REGISTRATIONS AND APPLICATIONS FOR TRADEMARK AND SERVICE MARK REGISTRATIONS**

Mark	TM Image	Country	Application No.	Application Date	Registration No.	Registration Date	Class	Owner	Status
AEREO (re-file)		United States	88/237,100	12/20/2018			38	TVO Brands LLC	Pending
AEREO (re-file)		United States	88/237,110	12/20/2018			42	TVO Brands LLC	Pending
Alert Sound Mark		United States	78/768,783	12/7/2005	3,401,771	3/25/2008	41	TVO Brands LLC	Registered
Ascending Sound Mark		United States	76/587,005	4/16/2004	2,996,654	9/20/2005	41	TVO Brands LLC	Registered
C3 (STYLIZED)		United States	74/346,745	1/8/1993	1,899,640	6/13/1995	09	Gemstar Development LLC (formerly Gemstar Development Corporation)	Registered
DIGITALSMITHS		United States	77/779,727	7/13/2009	3,809,540	6/29/2010	35, 42	TVO Brands LLC	Registered
DVDIT		United States	75/844,515	11/9/1999	2,379,770	8/22/2000	09	Rovi Technologies Corporation	Registered
Error Sound Mark		United States	78/782,672	12/29/2005	3,841,500	8/31/2010	41	TVO Brands LLC	Registered
FAN TV		United States	85/983,302	5/23/2013	4,969,098	5/31/2016	09, 41, 42	Rovi Guides, Inc. (as successor in interest to Fanhattan, Inc.)	Registered
FAN TV & Design		United States	85/983,304	5/23/2013	4,969,099	5/31/2016	09, 41, 42	Rovi Guides, Inc. (as successor in interest to Fanhattan, Inc.)	Registered
FANHATTAN & Design		United States	85/979,081	12/15/2011	4,359,351	6/25/2013	42, 45	Rovi Guides, Inc. (as successor in interest to Fanhattan, Inc.)	Registered
Folded A Design (color)		United States	85/533,274	2/3/2012	4,396,995	9/3/2013	38, 39, 41	TVO Solutions Inc. (formerly TVO, Inc.)	Registered
I-GUIDE		United States	76/584,072	3/30/2004	3,395,255	3/11/2008	38, 41	Gemstar Development LLC (formerly Gemstar Development Corporation)	Registered

Mark	TM Image	Country	Application No.	Application Date	Registration No.	Registration Date	Class	Owner	Status
Instant Replay Design		United States	76/039,899	5/1/2000	2,557,972	4/9/2002	09	TiVo Brands LLC	Registered
SUBSCRIBE		United States	78/475,597	8/30/2004	3,382,751	2/12/2008	09	Aptiv Digital LLC (formerly Aptiv Digital, Inc.)	Registered
Jump Logo Design		United States	76/061,419	6/1/2000	2,526,316	1/1/2002	09	TiVo Brands LLC	Registered
MEDIA TRANALYTICS		United States	77/386,323	2/1/2008	3,680,697	9/8/2009	35	TiVo Research and Analytics, Inc. (formerly TRA Global, Inc.)	Registered
METAFRAME		United States	77/761,211	6/16/2009	4,338,981	5/21/2013	42	TiVo Brands LLC	Registered
MUZE		United States	78/787,287	1/9/2006	3,208,024	2/13/2007	41	Rovi Data Solutions, Inc.	Registered
MUZE		United States	74/137,069	2/7/1991	1,758,885	3/16/1993	42	Rovi Data Solutions, Inc.	Registered
MUZEGAMES		United States	76/211,465	2/16/2001	2,614,527	9/3/2002	41	Rovi Data Solutions, Inc.	Registered
NEW WAY TO TV (teffle)		United States	88/236,050	12/19/2018			09	TiVo Brands LLC	Pending
NEW WAY TO TV (teffle)		United States	88/236,051	12/19/2018			35	TiVo Brands LLC	Pending
NEW WAY TO TV (teffle)		United States	88/236,057	12/19/2018			38	TiVo Brands LLC	Pending
NEW WAY TO TV (teffle)		United States	88/236,082	12/19/2018			41	TiVo Brands LLC	Pending
NEW WAY TO TV (teffle)		United States	88/236,084	12/19/2018			42	TiVo Brands LLC	Pending
PASSPORT		United States	75/631,935	8/6/1998	3,038,607	1/10/2006	09	Aptiv Digital LLC (formerly Aptiv Digital, Inc.)	Registered
PASSTIME		United States	77/515,939	7/7/2008	3,796,417	6/1/2010	09, 41	Rovi Guides, Inc.	Registered
POWERED BY TIVO & Walking TV Design		United States	88/366,011	4/1/2019			09	TiVo Brands LLC	Pending
POWERED BY TIVO & Walking TV Design		United States	88/366,021	4/1/2019			38	TiVo Brands LLC	Pending
POWERED BY TIVO & Walking TV Design		United States	88/366,025	4/1/2019			41	TiVo Brands LLC	Pending
QUICKMODE		United States	86/888,187	1/28/2016	5,392,350	1/30/2018	09	TiVo Brands LLC	Registered
RETROSPECT		United States	73/835,507	1/12/1989	1,598,413	5/29/1990	09	Rovi Technologies Corporation	Registered
ROAMIO		United States	86/235,636	3/28/2014	4,769,852	7/7/2015	09	TiVo Brands LLC	Registered

Mark	TM Image	Country	Application No.	Application Date	Registration No.	Registration Date	Class	Owner	Status
ROAMIO OTA VOX		United States	87/518,805	7/7/2017	5,571,679	9/25/2018	09	TVO Brands LLC	Registered
ROVI		United States	77/738,530	5/15/2009	4,102,731	2/21/2012	09, 35, 38, 41, 42, 45	Rovi Solutions Corporation	Registered
S Design		United States	86/173,744	1/23/2014	4,694,434	3/3/2015	38, 42	Rovi Corporation	Registered
SEAMLESS INSIGHT		United States	86/264,716	4/29/2014	4,856,353	11/17/2015	42	TVO Brands LLC	Registered
SEASON PASS		United States	77/098,481	2/2/2007	3,414,013	4/22/2008	38, 41	TVO Brands LLC	Registered
Select Sound Mark		United States	78/769,718	12/8/2005	3,401,774	3/25/2008	41	TVO Brands LLC	Registered
SKIPMODE		United States	86/889,143	1/28/2016	5,423,935	3/13/2018	09	TVO Brands LLC	Registered
SMARTBAR		United States	87/620,426	9/25/2017	5,466,557	5/8/2018	42	TVO Brands LLC	Registered
Speedup 1 Sound Mark		United States	78/815,952	2/15/2006	3,398,481	3/18/2008	41	TVO Brands LLC	Registered
Speedup 2 Sound Mark		United States	78/815,914	2/15/2006	3,398,479	3/18/2008	41	TVO Brands LLC	Registered
Speedup 3 Sound Mark		United States	78/815,932	2/15/2006	3,398,480	3/18/2008	41	TVO Brands LLC	Registered
STASH		United States	85/896,852	4/5/2013	4,615,897	10/7/2014	38, 42	Rovi Corporation	Registered
STASH & Design		United States	86/173,677	1/23/2014	4,750,490	6/9/2015	38, 42	Rovi Corporation	Registered
THE ENCYCLOPEDIA OF POPULAR MUSIC		United States	75/523,973	7/23/1998	2,267,273	8/3/1999	16	Rovi Data Solutions, Inc.	Registered
THE ENCYCLOPEDIA OF POPULAR MUSIC		United States	77/845,845	10/9/2009	3,875,703	11/16/2010	41	Rovi Data Solutions, Inc.	Registered
Thumbs Down Design		United States	75/678,032	4/9/1999	2,920,968	1/25/2005	09	TVO Brands LLC	Registered
Thumbs Down Design (red)		United States	86/626,642	5/12/2015	5,375,658	1/9/2018	09	TVO Brands LLC	Registered
Thumbs Up Design (green)		United States	86/626,630	5/12/2015	5,375,657	1/9/2018	09	TVO Brands LLC	Registered
Thumbs Up Design (left palm out)		United States	75/681,412	4/13/1999	2,920,969	1/25/2005	09	TVO Brands LLC	Registered

Mark	TM Image	Country	Application No.	Application Date	Registration No.	Registration Date	Class	Owner	Status
Thumbs Up Design (right palm out)(Refille) Mark		United States	86/043,132	8/20/2013	4,505,168	4/1/2014	09	TIVO Brands LLC	Registered
TIVO		United States	78/769,495	12/8/2005	3,401,773	3/25/2008	41	TIVO Brands LLC	Registered
TIVO		United States	77/888,613	12/8/2009	3,902,808	1/11/2011	35	TIVO Brands LLC	Registered
TIVO		United States	86/129,693	11/26/2013	4,713,517	3/31/2015	35	TIVO Brands LLC	Registered
TIVO		United States	77/888,610	12/8/2009	3,821,425	7/20/2010	38	TIVO Brands LLC	Registered
TIVO		United States	77/888,609	12/8/2009	3,983,234	6/28/2011	41	TIVO Brands LLC	Registered
TIVO		United States	76/359,394	1/15/2002	2,642,755	10/29/2002	25, 28, 35	TIVO Brands LLC	Registered
TIVO		United States	75/493,408	5/29/1998	2,423,757	1/23/2001	09, 35, 38, 41	TIVO Brands LLC	Registered
TIVO & Circle Logo Design		United States	77/616,084	11/17/2008	3,650,220	7/7/2009	41	TIVO Brands LLC	Registered
TIVO & Walking TV Design (Old Logo)		United States	1-1022294913		VA1891941			TIVO Brands LLC	Registered
TIVO & Walking TV Design (with shadow)		United States	75/841,174	11/4/1999	2,566,471	5/7/2002	09, 35, 38, 41	TIVO Brands LLC	Registered
TIVO BOLT		United States	86/689,862	7/10/2015	4,979,817	6/14/2016	09	TIVO Brands LLC	Registered
TIVO BOLT		United States	86/689,992	7/10/2015	4,979,818	6/14/2016	38	TIVO Brands LLC	Registered
TIVO BOLT		United States	86/689,996	7/10/2015	4,979,819	6/14/2016	41	TIVO Brands LLC	Registered
TIVO BOLT OTA		United States	88/193,669	11/14/2018			09	TIVO Brands LLC	Pending
TIVO BOLT VOX		United States	87/420,682	4/21/2017	5,499,092	6/19/2018	09	TIVO Brands LLC	Registered
TIVO BOLT VOX		United States	87/420,714	4/21/2017	5,499,093	6/19/2018	38	TIVO Brands LLC	Registered
TIVO BOLT VOX		United States	87/420,719	4/21/2017	5,499,094	6/19/2018	41	TIVO Brands LLC	Registered
TIVO BRIDGE PLUS		United States	88/298,160	2/12/2019			09	TIVO Brands LLC	Pending
TIVO CENTRAL		United States	75/774,400	8/12/1999	2,436,483	3/20/2001	41	TIVO Brands LLC	Registered
TIVO Developer Logo		United States	85/741,760	9/28/2012	4,685,145	2/10/2015	09	TIVO Brands LLC	Registered

Mark	TM Image	Country	Application No.	Application Date	Registration No.	Registration Date	Class	Owner	Status
TiVo Developer Logo		United States	85/741,763	9/28/2012	4,498,968	3/18/2014	38	TiVo Brands LLC	Registered
TiVo Developer Logo		United States	85/741,767	9/28/2012	4,664,194	12/30/2014	42	TiVo Brands LLC	Registered
TiVo EDGE		United States	88/508,670	7/10/2019			09	TiVo Brands LLC	Pending
TiVo EDGE		United States	88/508,674	7/10/2019			38	TiVo Brands LLC	Pending
TiVo EDGE		United States	88/508,678	7/10/2019			41	TiVo Brands LLC	Pending
TiVo LUX REMOTE		United States	88/620,719	9/17/2019			09	TiVo Brands LLC	Pending
TiVo MINI VOX		United States	87/417,077	4/19/2017	5,499,074	6/19/2018	09	TiVo Brands LLC	Registered
TiVo MINI VOX		United States	87/417,087	4/19/2017	5,499,075	6/19/2018	38	TiVo Brands LLC	Registered
TiVo MINI VOX		United States	87/417,093	4/19/2017	5,675,897	2/12/2019	41	TiVo Brands LLC	Registered
TiVo ROAMIO		United States	86/068,208	9/18/2013	4,820,459	9/29/2015	09	TiVo Brands LLC	Registered
TiVo Silhouette Logo Design (new)		United States	87/828,394	3/9/2018			09	TiVo Brands LLC	Pending
TiVo Silhouette Logo Design (new)		United States	87/828,398	3/9/2018			38	TiVo Brands LLC	Pending
TiVo Silhouette Logo Design (new)		United States	87/828,404	3/9/2018			41	TiVo Brands LLC	Pending
TiVo Silhouette Logo Design (old)		United States	77/469,834	5/8/2008	3,835,635	8/17/2010	09	TiVo Brands LLC	Registered
TiVo Silhouette Logo Design (old)		United States	77/469,826	5/8/2008	3,803,755	6/15/2010	35	TiVo Brands LLC	Registered
TiVo Silhouette Logo Design (old)		United States	77/469,807	5/8/2008	3,729,286	12/22/2009	38	TiVo Brands LLC	Registered

Mark	TM Image	Country	Application No.	Application Date	Registration No.	Registration Date	Class	Owner	Status
TiVo Silhouette Logo Design (old)		United States	77/469,815	5/8/2008	3,729,287	12/22/2009	41	TiVo Brands LLC	Registered
TiVo Sound Mark		United States	78/768,829	12/7/2005	3,401,772	3/25/2008	41	TiVo Brands LLC	Registered
TiVo Stylized (new)		United States	87/828,411	3/9/2018			09	TiVo Brands LLC	Pending
TiVo Stylized (new)		United States	87/828,417	3/9/2018			38	TiVo Brands LLC	Pending
TiVo Stylized (new)		United States	87/828,420	3/9/2018			41	TiVo Brands LLC	Pending
TiVo VOX REMOTE		United States	87/708,471	12/5/2017	5,469,804	5/15/2018	09	TiVo Brands LLC	Registered
TOTALCODE		United States	85/404,281	8/23/2011	4419057	10/15/2013	09	Rovi Technologies Corporation	Registered
TOTALGUIDE XD		United States	85/410,094	8/29/2011	4,384,565	8/13/2013	09, 42	Rovi Technologies Corporation	Registered
TOTALTV		United States	86/225,777	3/19/2014	4,824,831	10/6/2015	09	Rovi Technologies Corporation	Registered
TRA (Stylized) (B&W)		United States	85/963,120	6/18/2013	4,786,352	8/4/2015	35	TiVo Research and Analytics, Inc. (formerly TRA Global, Inc.)	Registered
UNIFIED DATA SERVICE		United States	85/947,520	5/31/2013	5,166,653	3/21/2017	42	TiVo Brands LLC	Registered
VCR PLUS+		United States	75/373,715	10/13/1997	2,262,232	7/20/1999	09	Gemstar Development LLC (formerly Gemstar Development Corporation)	Registered
WEBNOSTICS		United States	78/145,485	7/18/2002	2,721,527	6/3/2003	09	ApTV Digital LLC (formerly ApTV Digital, Inc.)	Registered
WISHLIST		United States	78/333,889	11/26/2003	2,962,274	6/14/2005	38, 41	TiVo Brands LLC	Registered