

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM311166

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	Trademark Release		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
JPMorgan Chase Bank N.A. as Collateral Agent		07/02/2014	Bank: OHIO
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Aptiv Digital, Inc.		
<b>Street Address:</b>	2830 De La Cruz Boulevard		
<b>City:</b>	Santa Clara		
<b>State/Country:</b>	CALIFORNIA		
<b>Postal Code:</b>	95050		
<b>Entity Type:</b>	CORPORATION: DELAWARE		
<b>Name:</b>	Gemstar Development Corporation		
<b>Street Address:</b>	2830 De La Cruz Boulevard		
<b>City:</b>	Santa Clara		
<b>State/Country:</b>	CALIFORNIA		
<b>Postal Code:</b>	95050		
<b>Entity Type:</b>	CORPORATION: CALIFORNIA		
<b>Name:</b>	Rovi Corporation		
<b>Street Address:</b>	2830 De La Cruz Boulevard		
<b>City:</b>	Santa Clara		
<b>State/Country:</b>	CALIFORNIA		
<b>Postal Code:</b>	95050		
<b>Entity Type:</b>	CORPORATION: DELAWARE		
<b>Name:</b>	Rovi Data Solutions, Inc.		
<b>Street Address:</b>	2830 De La Cruz Boulevard		
<b>City:</b>	Santa Clara		
<b>State/Country:</b>	CALIFORNIA		
<b>Postal Code:</b>	95050		
<b>Entity Type:</b>	CORPORATION: DELAWARE		
<b>Name:</b>	Rovi Solutions Corporation		
<b>Street Address:</b>	2830 De La Cruz Boulevard		
<b>City:</b>	Santa Clara		
<b>State/Country:</b>	CALIFORNIA		

TRADEMARK

Postal Code:	95050
Entity Type:	CORPORATION: DELAWARE
Name:	Rovi Technologies Corporation
Street Address:	2830 De La Cruz Boulevard
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95050
Entity Type:	CORPORATION: DELAWARE

**PROPERTY NUMBERS Total: 84**

Property Type	Number	Word Mark
Registration Number:	2957304	ALL GAME GUIDE
Registration Number:	2206668	ALL MUSIC GUIDE
Registration Number:	2076960	ALL-MUSIC GUIDE
Registration Number:	2770550	AMG
Registration Number:	2770713	AMG ALL GAME GUIDE
Registration Number:	2418753	AMG ALL-MEDIA GUIDE
Registration Number:	2567762	AMG ALL-MEDIA GUIDE
Registration Number:	2174790	AMG ALL-MOVIE GUIDE
Registration Number:	3392984	APTIV
Registration Number:	3392983	APTIV DIGITAL
Registration Number:	1899640	C3
Registration Number:	2886848	EBOOK
Registration Number:	2358245	EXPLORE MOVIES
Registration Number:	2400509	EXPLORE MUSIC
Registration Number:	2027454	G-LINK
Registration Number:	2219099	GUIDE PLUS+
Registration Number:	3154794	HAWKEYE
Registration Number:	3460335	HAWKEYE
Registration Number:	3258795	HAWKEYE
Registration Number:	3395255	I-GUIDE
Registration Number:	3398883	I-GUIDE
Registration Number:	3518131	ISUB
Registration Number:	3286802	ISUBSCRIBE
Registration Number:	3382751	ISUBSCRIBE
Registration Number:	3350112	J-GUIDE
Registration Number:	3640065	LASSO
Registration Number:	2772378	MACROSAFE
Registration Number:	3490922	MACROVISION
Registration Number:	2809050	MACROVISION

**TRADEMARK**

Property Type	Number	Word Mark
Registration Number:	2792064	MACROVISION
Registration Number:	1911159	MACROVISION
Registration Number:	2320323	MUSIC MAP
Registration Number:	1758885	MUZE
Registration Number:	3208024	MUZE
Registration Number:	3407191	MUZE
Registration Number:	3249151	MUZE ESSENTIAL ARTISTS
Registration Number:	2955328	MUZE STORE-PLUS FOR BODY MIND SPIRIT
Registration Number:	3183434	MUZEBOOKS
Registration Number:	3208022	MUZEBOOKS OUT-OF-PRINT
Registration Number:	3174032	MUZEDVD
Registration Number:	2614527	MUZEGAMES
Registration Number:	3174029	MUZEMUSIC
Registration Number:	3321624	MUZEREELS
Registration Number:	2703726	MUZETUNES
Registration Number:	3174034	MUZEVIDEO
Registration Number:	3038607	PASSPORT
Registration Number:	1839355	PLUSCODE
Registration Number:	3101823	RIPGUARD
Registration Number:	2681580	SAFEAUDIO
Registration Number:	2792546	SAFEAUTHENTICATE
Registration Number:	3614126	SELF-PROTECTING DIGITAL CONTENT
Registration Number:	2951895	SOFTBOOKSTORE
Registration Number:	3614127	SPDC
Registration Number:	3631887	TAPESTRY
Registration Number:	2267273	THE ENCYCLOPEDIA OF POPULAR MUSIC
Registration Number:	3875703	THE ENCYCLOPEDIA OF POPULAR MUSIC
Registration Number:	3245476	TOTALPLAY
Registration Number:	2599936	TV GUIDE INTERACTIVE
Registration Number:	1796273	VCR PLUS
Registration Number:	2262232	VCR PLUS+
Registration Number:	1690756	VCRPLUS+
Registration Number:	1287905	VIDEOLOG
Registration Number:	2721527	WEBNOSTICS
Serial Number:	85008941	ALLGAME
Serial Number:	85008943	ALLMOVIE
Serial Number:	85008944	ALLMUSIC
Serial Number:	85100400	AMG
Serial Number:	77747100	COPYBLOCK

**TRADEMARK**

Property Type	Number	Word Mark
Serial Number:	77738215	JOIN THE ENTERTAINMENT
Serial Number:	85074858	LET US BE YOUR GUIDE
Serial Number:	77588663	MEGA-DATA
Serial Number:	78904950	MUZE
Serial Number:	78904956	MUZEBOOKS
Serial Number:	78904958	MUZEBOOKS OUT-OF-PRINT
Serial Number:	78904959	MUZEDVD
Serial Number:	78904978	MUZEGAMES
Serial Number:	78904975	MUZEMUSIC
Serial Number:	78904976	MUZEVIDEO
Serial Number:	77738547	ROVI
Serial Number:	85008946	SONICGUIDE
Serial Number:	77798074	TOTALGUIDE
Registration Number:	3386159	PASSPORT DCT
Registration Number:	3159705	PASSPORT ECHO
Registration Number:	3796417	PASSTIME

**CORRESPONDENCE DATA**

Fax Number: 8004947512

*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: 202-370-4750

Email: ipteam@nationalcorp.com

Correspondent Name: Joanna McCall

Address Line 1: 1025 Vermont Ave NW, Suite 1130

Address Line 2: National Corporate Research, Ltd.

Address Line 4: Washington, D.C. 20005

<b>ATTORNEY DOCKET NUMBER:</b>	F150651
<b>NAME OF SUBMITTER:</b>	Sonya Jackman
<b>SIGNATURE:</b>	/Sonya Jackman/
<b>DATE SIGNED:</b>	07/18/2014

**Total Attachments: 7**  
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RELEASE OF TRADEMARK SECURITY AGREEMENT  
dated as of July 2, 2014

Receiving Parties

GEMSTAR DEVELOPMENT CORPORATION, a California corporation  
ROVI CORPORATION, a Delaware corporation  
ROVI DATA SOLUTIONS, INC., a Delaware corporation  
ROVI SOLUTIONS CORPORATION, a Delaware corporation  
ROVI TECHNOLOGIES CORPORATION, a Delaware corporation

**RELEASE OF TRADEMARK SECURITY AGREEMENT**

**THIS RELEASE OF TRADEMARK SECURITY AGREEMENT** (this “Release”) is made as of July 2, 2014 (the “Effective Date”), by JPMORGAN CHASE BANK, N.A., as collateral agent (in such capacity, the “Collateral Agent”), in favor of APTIV DIGITAL, INC., a Delaware corporation, GEMSTAR DEVELOPMENT CORPORATION, a California corporation, ROVI CORPORATION, a Delaware corporation, ROVI DATA SOLUTIONS, INC., a Delaware corporation, ROVI SOLUTIONS CORPORATION, a Delaware corporation, and ROVI TECHNOLOGIES CORPORATION, a Delaware corporation (each, a “Pledgor” and collectively, the “Pledgors”).

**WHEREAS**, pursuant to the terms and conditions of that certain Trademark Security Agreement by the Pledgors in favor of the Collateral Agent dated as of September 13, 2011 (the “Trademark Security Agreement”), the Pledgors pledged and granted to the Collateral Agent a lien on and security interest in all of their respective right, title and interest in and to certain collateral identified in said Trademark Security Agreement including, without limitation, the trademark and service mark applications and registrations, and the trademark licenses pursuant to which any third party granted rights to any Pledgor, set forth on Schedule I hereto, along with the goodwill associated therewith and all proceeds thereof (collectively, the “Trademarks”);

**WHEREAS**, the Trademark Security Agreement was recorded with the Assignment Division of the U.S. Patent & Trademark Office on September 13, 2011 on Reel 4630, Frame 0761;

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Collateral Agent hereby terminates the Trademark Security Agreement, and hereby terminates, cancels, discharges, reassigns and releases any and all liens and security interests it has in and against the Trademarks arising under the Trademark Security Agreement.

If and to the extent the Collateral Agent has acquired any right, title or interest in or to any of the Trademarks, it hereby irrevocably re-assigns and re-transfers all such rights, title and interest to the Pledgors.

The Collateral Agent shall take all further actions, and provide to the Pledgors and their respective successors, assigns or other legal representatives, all such cooperation and assistance (including, without limitation, the execution and delivery of any and all documents or other instruments), reasonably requested by the Pledgors, and at Pledgors’ cost and expense, to more fully and effectively effectuate the purposes of this Release.

[Signature Page Follows]

**IN WITNESS WHEREOF**, the Collateral Agent has caused this Release to be executed by its duly authorized representative as of the Effective Date:

**JPMORGAN CHASE BANK, N.A.,**  
as Collateral Agent

By: 

Name: **John G. Kowalczyk**  
Title: **Executive Director**

[Signature Page to Release of Trademark Security Agreement]

**TRADEMARK**  
**REEL: 005325 FRAME: 0217**

**SCHEDULE I**  
**to**  
**RELEASE OF TRADEMARK SECURITY AGREEMENT**  
**TRADEMARK REGISTRATIONS, TRADEMARK APPLICATIONS AND TRADEMARK**  
**LICENSES**

See attached.



Country	Status	Trademark Name	Appl. No.	Filing Date	Reg. No.	Req. Date	Recorded Owner	Current Owner
United States	Registered	ALL GAME GUIDE	78/401523	14-Apr-2004	2957304	31-May-2005	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Registered	ALL MUSIC GUIDE	75/296247	22-May-1997	2206668	1-Dec-1998	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Pending	ALL GAME	85/008941	7-Apr-2010			Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Pending	ALLMOVIE	85/008943	7-Apr-2010			Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Pending	ALLMUSIC	85/008944	7-Apr-2010			Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Registered	ALL-MUSIC GUIDE	75/027675	4-Dec-1995	2076960	8-Jul-1997	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Registered	AMG (and Design)	75/832284	26-Oct-1999	2770550	7-Oct-2003	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Pending	AMG	85/100400				Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Registered	AMG ALL GAME GUIDE	76/239928	12-Apr-2001	2770713	7-Oct-2003	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Registered	AMG ALL-MEDIA GUIDE	75/692836	28-Apr-1999	2418753	9-Jan-2001	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Registered	AMG ALL-MEDIA GUIDE	75/532932	7-Aug-1998	2567762	7-May-2002	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Registered	AMG ALL-MOVIE GUIDE	75/296249	22-May-1997	2174790	21-Jul-1998	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Registered	APTIV	78/689.195	9-Aug-2005	3392984	4-Mar-2008	Aptiv Digital, Inc.	Aptiv Digital, Inc.
United States	Registered	APTIV DIGITAL	78/689.193	9-Aug-2005	3392983	4-Mar-2008	Aptiv Digital, Inc.	Aptiv Digital, Inc.
United States	Registered	C3 (stylized)	74/346745	8-Jan-1993	1899640	13-Jun-1995	Gemstar Development Corporation	Gemstar Development Corporation
United States	Pending	COPYBLOCK	77/747100	28-May-2009			Rovi Solutions Corporation	Rovi Solutions Corporation
United States	Registered	EBOOK & Design	76/083.944	5-Jul-2000	2886848	21-Sep-2004	Gemstar Development Corporation	Gemstar Development Corporation
United States	Registered	EXPLORE MOVIES	75/426650	30-Jan-1998	2358245	13-Jun-2000	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Registered	EXPLORE MUSIC	75/412953	2-Jan-1998	2400509	31-Oct-2000	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Registered	G-LINK	74/522408	4-May-1994	2027454	31-Dec-1996	Gemstar Development Corporation	Gemstar Development Corporation
United States	Registered	GUIDE PLUS+	74/446183	10-Oct-1993	2219099	19-Jan-1999	Gemstar Development Corporation	Gemstar Development Corporation
United States	Registered	HAWKEYE	78/381656	12-Mar-2004	3154794	10-Oct-2006	Rovi Solutions Corporation	Rovi Solutions Corporation
United States	Registered	HAWKEYE (and Design)	77/156803	13-Apr-2007	3460335	8-Jul-2008	Macrovision Corporation	Rovi Solutions Corporation
United States	Registered	HAWKEYE (Class 42)	78/968930	7-Sep-2006	3258795	3-Jul-2007	Macrovision Corporation	Rovi Solutions Corporation
United States	Registered	I-GUIDE	76/584.072	30-Mar-2004	3395255	11-Mar-2008	Gemstar Development Corporation	Gemstar Development Corporation
United States	Registered	I-GUIDE (Stylized)	76/602.006	14-Jul-2004	3398883	18-Mar-2008	Gemstar Development Corporation	Gemstar Development Corporation
United States	Registered	ISUB & Design	78/479.505	7-Sep-2004	3518131	14-Oct-2008	Aptiv Digital, Inc.	Aptiv Digital, Inc.
United States	Registered	ISUBSCRIBE & Design	78/475.962	30-Aug-2004	3286802	28-Aug-2007	Aptiv Digital, Inc.	Aptiv Digital, Inc.
United States	Registered	ISUBSCRIBE (Stylized)	78/475.597	30-Aug-2004	3382751	12-Feb-2008	Aptiv Digital, Inc.	Aptiv Digital, Inc.
United States	Registered	J-GUIDE	78/862.568	17-Apr-2006	3350112	4-Dec-2007	Gemstar Development Corporation	Gemstar Development Corporation
United States	Pending	JOIN THE ENTERTAINMENT	77/738215	15-May-2009			Rovi Solutions Corporation	Rovi Solutions Corporation
United States	Registered	LASSO	77/032343	30-Oct-2006	3640065	16-Jun-2009	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Pending	LET US BE YOUR GUIDE	85/074858	30-Jun-2010			Rovi Technologies Corporation	Rovi Technologies Corporation
United States	Registered	MACROSAFE	76/361665	22-Jan-2002	272378	7-Oct-2003	Macrovision Corporation	Rovi Solutions Corporation
United States	Registered	MACROVISION (2007)	76/680101	30-Jul-2007	3490922	26-Aug-2008	Rovi Solutions Corporation	Rovi Solutions Corporation
United States	Registered	MACROVISION (and Design)	76/252409	3-May-2001	2809050	27-Jan-2004	Rovi Solutions Corporation	Rovi Solutions Corporation
United States	Registered	MACROVISION (Expanded)	76/252410	3-May-2001	2792064	9-Dec-2003	Rovi Solutions Corporation	Rovi Solutions Corporation
United States	Registered	MACROVISION (Stylized)	74/439711	24-Sep-1993	1911159	15-Aug-1995	Rovi Solutions Corporation	Rovi Solutions Corporation
United States	Pending	MEGA-DATA	77/588863	8-Oct-2008			Macrovision Corporation	Rovi Corporation
United States	Registered	MUSIC MAP	75/469593	17-Apr-1998	2320323	22-Feb-2000	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Pending	MUZE	78904950	9-Jun-06			Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Registered	MUZE	74137069	7-Feb-91	1758885	16-Mar-93	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Registered	MUZE	78787287	9-Jan-06	3208024	13-Feb-07	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Registered	MUZE	78904933	9-Jun-06	3407191	1-Apr-08	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Registered	MUZE ESSENTIAL ARTISTS	78786480	6-Jan-06	3249151	5-Jun-07	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Registered	MUZE STORE-PLUS FOR BODY MIND	76468053	19-Nov-02	2955328	24-May-05	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Pending	MUZEBOOKS	78904956	9-Jun-06			Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.

TRADEMARK

Country	Status	Trademark Name	Appl. No.	Filing Date	Reg. No.	Req. Date	Recorded Owner	Current Owner
United States	Registered	MUZEBOOKS	78786476	6-Jan-06	3183434	12-Dec-06	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Pending	MUZEBOOKS OUT-OF-PRINT	78904958	9-Jun-06			Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Registered	MUZEBOOKS OUT-OF-PRINT	78786484	6-Jan-06	3208022	13-Feb-07	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Pending	MUZEDVD	78904959	9-Jun-06			Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Registered	MUZEDVD	78786466	6-Jan-06	3174032	21-Nov-06	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Pending	MUZEGAMES	78904978	9-Jun-06			Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Registered	MUZEGAMES	76211465	16-Feb-01	2614527	3-Sep-02	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Pending	MUZEMUSIC	78904975	9-Jun-06			Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Registered	MUZEMUSIC	78786440	6-Jan-06	3174029	21-Nov-06	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Registered	MUZEREELS	78883681	15-May-06	3321624	23-Oct-07	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Registered	MUZETUNES	76231036	27-Mar-01	2703726	8-Apr-03	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Pending	MUZEVIDEO	78904976	9-Jun-06			Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Registered	MUZEVIDEO	78786490	6-Jan-06	3174034	21-Nov-06	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Registered	PASSPORT	75531935	6-Aug-1998	3038607	10-Jan-2006	Aptiv Digital, Inc.	Aptiv Digital, Inc.
United States	Registered	PASSPORT DCT	78141500	5-Jul-2002	3386159	19-Feb-2008	Aptiv Digital, Inc.	Aptiv Digital, Inc.
United States	Registered	PASSPORT ECHO	78201457	9-Jan-2003	3159705	17-Oct-2006	Aptiv Digital, Inc.	Aptiv Digital, Inc.
United States	Pending	PASSTIME	771515939	7-Jul-2008	3796417		Aptiv Digital, Inc.	Aptiv Digital, Inc.
United States	Registered	PLUSCODE	74293512	10-Jul-1992	1899355	14-Jun-1994	Gemstar Development Corporation	Gemstar Development Corporation
United States	Registered	RIPGUARD	78439946	23-Jun-2004	3101823	6-Jun-2006	Rovi Solutions Corporation	Rovi Solutions Corporation
United States	Pending	ROVI (and Design)	771738547	15-May-2009			Rovi Solutions Corporation	Rovi Solutions Corporation
United States	Registered	SAFEAUDIO	75896929	14-Jan-2000	2681580	28-Jan-2003	Macrovision Corporation	Rovi Solutions Corporation
United States	Registered	SAFEAUTHENTICATE	76408302	13-May-2002	2792546	9-Dec-2003	Macrovision Corporation	Rovi Solutions Corporation
United States	Registered	SELF-PROTECTING DIGITAL CONTENT	771500694	17-Jun-2008	3614126	28-Apr-2009	Rovi Solutions Corporation	Rovi Solutions Corporation
United States	Registered	SOFTBOOKSTORE	75487683	19-May-1998	2951895	17-May-2005	Networks eBook LLC	Rovi Solutions Corporation
United States	Pending	SONICGUIDE	851008946	7-Apr-2010			Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Registered	SPDC	771500697	17-Jun-2008	3614127	28-Apr-2009	Rovi Solutions Corporation	Rovi Solutions Corporation
United States	Registered	TAPESTRY	77032354	30-Oct-2006	3631887	2-Jun-2009	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Registered	THE ENCYCLOPEDIA OF POPULAR	75529973	23-Jul-98	2267273	3-Aug-99	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Registered	THE ENCYCLOPEDIA OF POPULAR	77845845		3875703		Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Pending	TOTALGUIDE	771798074	5-Aug-2009			Rovi Technologies Corporation	Rovi Technologies Corporation
United States	Registered	TOTALPLAY	78652297	16-Jun-2005	3245476	22-May-2007	Macrovision Corporation	Rovi Solutions Corporation
United States	Registered	TV GUIDE INTERACTIVE	751733527		2599936		Gemstar Development Corporation	Gemstar Development Corporation
United States	Registered	VCR PLUS	74293077	10-Jul-1992	1796273	5-Oct-1993	Gemstar Development Corporation	Gemstar Development Corporation
United States	Registered	VCR PLUS +	75373715	13-Oct-1997	2262232	20-Jul-1999	Gemstar Development Corporation	Gemstar Development Corporation
United States	Registered	VCR Plus+ (stylized)	74079115	17-Jul-1990	1690756	2-Jun-1992	Gemstar Development Corporation	Gemstar Development Corporation
United States	Registered	VIDEOLOG	73434812	15-Jul-83	1287905	31-Jul-84	Rovi Data Solutions, Inc.	Rovi Data Solutions, Inc.
United States	Registered	WEBNOSTICS	781145485	18-Jul-2002	2721527	3-Jun-2003	Aptiv Digital, Inc.	Aptiv Digital, Inc.

TRADEMARK

REEL: 005325 FRAME: 0220

Country	Classes	Status	Substatus	Trademark Name	Appl. No.	Filing Date	Reg. No.	Reg. Date	Renewal Due	Owner
European Comm.	9, 38, 41	Abandoned	Abandoned 1/29/10	INFOMEDIA	8558819	18-Sep-2009				Rovi Technologies Corporation
Japan	26	Abandoned	Abandoned 1/26/10	MACROVISION	82231/87	20-Jul-1987	2232108	31-May-1990	31-May-2010	Macrovision Corporation
Brazil	40	Abandoned	Abandoned	MACROVISION	813742641	18-Sep-1987	813742641	21-Nov-1989	21-Nov-2009	Macrovision Corporation
Australia	09	Abandoned	Abandoned	SHOWVIEW (block letters)	588698	19-Oct-1992	588698	8-Sep-1994	19-Oct-2009	Gemstar Development Corporation
United Kingdom	16	Abandoned	Abandoned	SHOWVIEW (block letters)	1516418	20-Oct-1992	1516418	9-Sep-1994	20-Oct-2009	Gemstar Development Corporation
United Kingdom	41	Abandoned	Abandoned	SHOWVIEW (block letters)	1516419	20-Oct-1992	1516419	30-Sep-1994	20-Oct-2009	Gemstar Development Corporation
United States	41	Abandoned	Do Not Renew	FOTOFILIP	75/647,948	3-Sep-1998	2285322	12-Oct-1999	12-Oct-2009	Gemstar Development Corporation
Japan	38, 42	Abandoned	Abandoned	G-INFO.in Katakana	9-184697	9-Dec-1997	4350093	14-Jan-2000	14-Jan-2010	Gemstar Development Corporation
Canada	38	Abandoned	Abandoned	FM CUBED	696280	3-Jan-1992	443820	16-Jun-1995		Rovi Technologies Corporation
Taiwan	42	Abandoned	Abandoned 1/14/10	MACROVISION (Expanded)	90044550	30-Oct-2001	177011	1-Feb-2003	15-Jul-2010	Rovi Solutions Corporation
Taiwan	42	Abandoned	Abandoned 1/14/10	MACROVISION (Expanded)	90044551	30-Oct-2001	177012	1-Feb-2003	15-Jul-2010	Rovi Solutions Corporation
China	42	Abandoned	Abandoned 1/14/10	MACROVISION (Chinese Characters)	9900013766	5-Feb-1999	1412911	21-Jun-2000	20-Jun-2010	Rovi Solutions Corporation
Argentina	40	Abandoned	Abandoned 1/14/10	MACROVISION	1600165	4-Jun-1987	1381150	31-May-1990	31-May-2010	Rovi Solutions Corporation
Argentina	9	Abandoned	Abandoned 1/14/10	MACROVISION	1600164	4-Jun-1987	1381960	31-May-1990	31-May-2010	Rovi Solutions Corporation
Venezuela	38	Abandoned	Abandoned 5/20/10	G GUIDE	19529-98	22-Oct-1998				Gemstar Development Corporation
Taiwan	42	Abandoned	Abandoned 6/15/10	MACROVISION	880024500	21-May-1999	126685	16-Jul-2000	15-Jul-2010	Macrovision Corporation
Japan	11	Abandoned	Abandoned 6/15/10	MACROVISION	82230/87	20-Jul-1987	2251749	30-Jul-1990	30-Jul-2010	Macrovision Corporation
United States	41	Abandoned	Abandoned 6/15/10	AMG SONICGUIDE	76/235164	4-Apr-2001	2867155	27-Jul-2004	27-Jul-2014	Rovi Data Solutions, Inc.
Australia	38	Abandoned	Abandoned 7/27/10	GEMSTAR	609421	17-Aug-1993	609421	31-Jan-1995	17-Aug-2010	Gemstar Development Corporation
Australia	41	Abandoned	Abandoned 7/27/10	GEMSTAR	609422	17-Aug-1993	609422	31-Jan-1995	17-Aug-2010	Gemstar Development Corporation
Malaysia	16	Abandoned	Abandoned 7/27/10	GEMSTAR	9306784	2-Sep-1993	9306784	2-Sep-1993	2-Sep-2010	Gemstar Development Corporation
Brazil	16	Abandoned	Abandoned 7/27/10	PLUSCODE (stylized)	817028790	6-Jan-1993	817028790	22-Aug-2000	21-Aug-2010	Gemstar Development Corporation
India	16	Abandoned	Abandoned 7/27/10	G CODE	606878	15-Sep-1993	606878	13-Jun-2003	15-Sep-2010	Gemstar Development Corporation
Japan	38, 42	Abandoned	Abandoned 7/27/10	Miscellaneous Design	11-032125	12-Apr-1999	4416504	14-Sep-2000	14-Sep-2010	Gemstar Development Corporation
Japan	38, 42	Abandoned	Abandoned 7/27/10	Miscellaneous Design	11-032126	12-Apr-1999	4416505	14-Sep-2000	14-Sep-2010	Gemstar Development Corporation
China	42	Registered	Abandoned 9/3/10	MACROVISION	9900061346	1-Jun-1999	1442657	7-Sep-2000	16-Sep-2010	Macrovision Corporation