

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5138401

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST	
CONVEYING PARTY DATA		
	Name	Execution Date
	MORGAN STANLEY SENIOR FUNDING, INC., AS COLLATERAL AGENT	09/12/2018
RECEIVING PARTY DATA		
Name:	APTIV DIGITAL, INC.	
Street Address:	2830 DE LA CRUZ BOULEVARD	
City:	SANTA CLARA	
State/Country:	CALIFORNIA	
Postal Code:	95050	
Name:	GEMSTAR DEVELOPMENT CORPORATION	
Street Address:	2830 DE LA CRUZ BOULEVARD	
City:	SANTA CLARA	
State/Country:	CALIFORNIA	
Postal Code:	95050	
Name:	INDEX SYSTEMS INC.	
Street Address:	2830 DE LA CRUZ BOULEVARD	
City:	SANTA CLARA	
State/Country:	CALIFORNIA	
Postal Code:	95050	
Name:	ROVI GUIDES, INC.	
Street Address:	2830 DE LA CRUZ BOULEVARD	
City:	SANTA CLARA	
State/Country:	CALIFORNIA	
Postal Code:	95050	
Name:	ROVI SOLUTIONS CORPORATION	
Street Address:	2830 DE LA CRUZ BOULEVARD	
City:	SANTA CLARA	
State/Country:	CALIFORNIA	
Postal Code:	95050	
Name:	ROVI TECHNOLOGIES CORPORATION	
Street Address:	2830 DE LA CRUZ BOULEVARD	
City:	SANTA CLARA	

PATENT

State/Country:	CALIFORNIA
Postal Code:	95050
Name:	SONIC SOLUTIONS LLC
Street Address:	2830 DE LA CRUZ BOULEVARD
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95050
Name:	STARSIGHT TELECAST, INC.
Street Address:	2830 DE LA CRUZ BOULEVARD
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95050
Name:	UNITED VIDEO PROPERTIES, INC.
Street Address:	2830 DE LA CRUZ BOULEVARD
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95050
Name:	VEVEO, INC.
Street Address:	2830 DE LA CRUZ BOULEVARD
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95050

PROPERTY NUMBERS Total: 11

Property Type	Number
Patent Number:	7890374
Patent Number:	7451078
Patent Number:	8321394
Patent Number:	6999946
Patent Number:	7765159
Patent Number:	7266528
Patent Number:	7581013
Patent Number:	7448021
Patent Number:	7555715
Patent Number:	8392826
Patent Number:	6366970

CORRESPONDENCE DATA

Fax Number: (415)693-2222

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: 4156932000
Email: crhem@cooley.com
Correspondent Name: COOLEY LLP
Address Line 1: 101 CALIFORNIA STREET, 5TH FLOOR
Address Line 4: SAN FRANCISCO, CALIFORNIA 94111

ATTORNEY DOCKET NUMBER:	310930-100
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NAME OF SUBMITTER:	C. RHEM
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SIGNATURE:	/CR/
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DATE SIGNED:	09/12/2018
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Total Attachments: 4

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Registrants/Applicants: **APTIV DIGITAL, INC.**
 GEMSTAR DEVELOPMENT CORPORATION
 INDEX SYSTEMS INC.
 ROVI GUIDES, INC.
 ROVI SOLUTIONS CORPORATION
 ROVI TECHNOLOGIES CORPORATION
 SONIC SOLUTIONS LLC
 STARSIGHT TELECAST, INC.
 UNITED VIDEO PROPERTIES, INC.
 VEVEO, INC.

Patents/Patent Applications **SEE ATTACHED EXHIBIT A**

TERMINATION OF PATENT SECURITY INTEREST

September 12, 2018

WHEREAS, APTIV DIGITAL, INC., a Delaware corporation, GEMSTAR DEVELOPMENT CORPORATION, a California corporation, INDEX SYSTEMS INC., a British Virgin Islands company, ROVI GUIDES, INC., a Delaware corporation, ROVI SOLUTIONS CORPORATION, a Delaware corporation, ROVI TECHNOLOGIES CORPORATION, a Delaware corporation, SONIC SOLUTIONS LLC, a California limited liability company, STARSIGHT TELECAST, INC., a California corporation, UNITED VIDEO PROPERTIES, INC., a Delaware corporation, and VEVEO, INC., a Delaware corporation, having their principal offices at 2830 De La Cruz Boulevard, Santa Clara, CA 95050 (each a “**Grantor**” and collectively, the “**Grantors**”), own or previously owned the patents and patent applications listed on the attached **Exhibit A**, now issued or pending in the United States Patent and Trademark Office; and

WHEREAS, the Grantors have entered into that certain Patent Security Agreement dated as of July 2, 2014 (the “**Security Agreement**”), among the Grantors and MORGAN STANLEY SENIOR FUNDING, INC., as Collateral Agent (the “**Secured Party**”), a true and correct copy of which was recorded by the U.S. Patent and Trademark Office on July 24, 2014 at Reel/Frame 033407/0035.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, the Secured Party hereby:

1. releases and reassigns to the Grantors any and all liens, security interests, right, title and interest of the Secured Party pursuant to the Security Agreement in the patents and patent applications more fully described on **Exhibit A**, without recourse or representation or warranty, express or implied; and

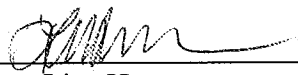
2. authorizes and requests the Commissioner of Patents and Trademarks of the United States of America to note and record the existence of the release hereby given.

[Signature Page Follows]

IN WITNESS WHEREOF, the Secured Party has caused this Termination of Patent Security Interest to be executed by its duly authorized officer effective as of the date above first written.

SECURED PARTY:

MORGAN STANLEY SENIOR FUNDING, INC.,
AS COLLATERAL AGENT

By: 
Name: Lisa Hanson
Title: Vice President

Address:

1300 Thames Street, 4th Floor
Thames Street Wharf
Baltimore, Maryland 21231

EXHIBIT A

Patents and Patent Applications

09/695,526	7,890,374	Rovi Technologies Corporation
10/905,360	7,451,078	Rovi Technologies Corporation
12/615,586	8,321,394	Rovi Technologies Corporation
09/757,951	6,999,946	Rovi Solutions Corporation
11/286,213	7,765,159	Rovi Solutions Corporation
10/918,748	7,266,528	Rovi Solutions Corporation
10/921,476	7,581,013	Rovi Solutions Corporation
09/649,215	7,448,021	Sonic Solutions LLC
11/258,677	7,555,715	Sonic Solutions LLC
12/491,198	8,392,826	Sonic Solutions LLC
09/283,947	6,366,970	Sonic Solutions LLC