## 507044911 12/23/2021

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7091749

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
GUIDEWORKS, LLC	02/26/2010

#### **RECEIVING PARTY DATA**

Name:	ROVI GUIDES, INC.
Street Address:	2160 GOLD STREET
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95002

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17561287

#### **CORRESPONDENCE DATA**

Fax Number:

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.

Email: kristen.sison@hglaw.com
Correspondent Name: HALEY GUILIANO LLP

Address Line 1: 111 NORTH MARKET STREET, SUITE 900

Address Line 4: SAN JOSE, CALIFORNIA 95113

ATTORNEY DOCKET NUMBER:	001449-0101-104
NAME OF SUBMITTER:	KRISTEN E. SISON
SIGNATURE:	/Kristen E. Sison/
DATE SIGNED:	12/23/2021

**Total Attachments: 12** 

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### GUIDEWORKS PATENTS ASSIGNMENT AGREEMENT

THIS GUIDEWORKS PATENTS ASSIGNMENT AGREEMENT (this "Assignment") is dated February 26, 2010, by and between Guideworks, LLC, (f/k/a IPG/JV, LLC) a Delaware limited liability company ("Seller") and Rovi Guides, Inc., a Delaware Corporation ("Buyer"). As used herein, each of Seller and Buyer may sometimes be individually referred to as a "Party" or collectively referred to as the "Parties." Unless otherwise defined herein all capitalized terms shall have the meaning ascribed thereto in the Master Agreement (as defined below).

WHEREAS, pursuant to a Master Agreement executed and delivered contemporaneously with the execution of this Assignment by, among others, Buyer and Seller (the "Master Agreement"), the Parties have agreed to enter into this Assignment whereby Seller would sell, transfer and convey its entire right, title and interest in, to and under all patents and patent applications owned by Seller as of the Closing Date (the "Guideworks Patents"), including, without limitation, the patents and patent applications set forth on Schedule A, to Buyer, subject to Seller receiving a license from Buyer to such Guideworks Patents pursuant to the terms and conditions of the Transaction Documents (including without limitation the Amended and Restated License and Distribution Agreement).

NOW, THEREFORE, for good and valuable consideration (including the mutual promises and other consideration set forth herein and the other Transaction Documents), the receipt and sufficiency of which is hereby acknowledged by both Parties, the Parties agree as follows:

Section 1.01. Transfer Of Guideworks Patents. Subject to the terms and conditions of the Transaction Documents (including without limitation the license to Buyer set forth in the Amended and Restated License and Distribution Agreement), Seller hereby sells, assigns and transfers unto Buyer its entire right, title and interest in and to the Guideworks Patents including all rights to sue for any past, present or future infringement of any such Guideworks Patent. Seller hereby agrees to sign all necessary papers and do all lawful acts reasonably necessary (in each case at Buyer's expense) to effect the sale, assignment and transfer of Seller's entire right, title and interest in the Guideworks Patents.

Section 1.02. No Warranties or Indemnities. The Parties agree that the Guideworks Patents are sold, assigned and transferred unto Buyer on an "as-is" basis and Seller (a) makes no representations or warranties (express or implied), (b) grants no indemnities (express or implied) and (c) shall have no other liability or financial obligation to Buyer or any other Person, in the case of (a), (b) or (c), with respect to the Guideworks Patents or otherwise in connection with this Assignment.

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Section 1.03. Governmental Authorities. Seller hereby authorizes the Governmental Authorities of all countries in which the Guideworks Patents are now or will in the future be issued to issue to Buyer all of Seller's entire right, title and interest in and to the Guideworks Patents for the sole use and enjoyment of Buyer, its successors and assigns (it being understood that, notwithstanding the foregoing, nothing herein shall be construed as limiting in any way the rights granted to Seller in respect of such Guideworks Patents pursuant to the Transaction Documents (including without limitation the Amended and Restated License and Distribution Agreement)).

Section 1.04. Governing Law. This Assignment shall be governed by, and construed under the Laws of the State of New York and without regard to conflicts of Laws principles.

Section 1.05. Venue. Any dispute arising under or out of this Assignment shall be venued exclusively in the state or federal courts of the State of New York.

Section 1.06. Counterparts; Effectiveness. This Assignment may be signed in any number of counterparts, each of which shall be deemed an original. This Assignment shall become effective only after and subject to each Party having received a counterpart hereof signed by the other Party.

Section 1.07. Successors. This Assignment shall inure to the benefit of and is binding upon the respective successors and assigns of Seller and Buyer.

[signature page follows]

IN WITNESS WHEREOF, the Parties have caused this Assignment to be executed and delivered as of the date first above written.

	Name: Title:	ARTHUR R. BLOCK
Ву:	lu	
GUI	DEWORKS,	LLC
	Title:	
	Name:	
By:		
KO.	vi Guides, i	NC.

IN WITNESS WHEREOF, the Parties have caused this Assignment to be executed and delivered as of the date first above written.

By: Stephen of
Name: Stephen Yu
Title: Authorized Signatur

GUIDEWORKS, LLC

ROVI GUIDES, INC.

By:
Name:
Title:

Signature Page To The Patent Assignment Agreement (NY) 05726/292/AGTS09/rovipstent.assign.agt.doc

# SCHEDULE A

# **GUIDEWORKS PATENTS**

[See Attached]

Schedule A

(NY) 05726/292/AGTS09/rovi.patent.assign.agt.doc

# **GUIDEWORKS PATENTS**

AL NUMBER	TITLE	STATUS	PATENT NUMBER	ISSUE DATE	ALLOWED DATE	MATTER FILING DATE	INVENTORS
11240552	SYSTEMS AND METHODS FOR	Closed					Michael D. Ellis
	MANAGING LOCAL STORAGE OF ON-					,	Michael L. Craner
	DEMAND CONTENT						Robert A. Knee
12506086	SYSTEMS AND METHODS FOR	Pending				20-Jul-09	Michael D. Ellis
	MANAGING LOCAL STORAGE OF ON-						Michael L. Craner
	DEMAND CONTENT						Robert A. Knee
11097566	SYSTEMS AND METHOD FOR QUALITY	Pending			•	1-Apr-05	Michael D. Ellis
***************************************	MARKING OF A RECORDING						Robert A. Knee
11237839	SYSTEMS AND METHODS FOR	Issued	7570870	4-Aug-09	3-Apr-09	27-Sep-05	Michael D. Ellis
	RECORDING PROGRAMS OF LESSER						
10.101001	INTEREST WHEN CONVENIENT						
	SYSTEMS AND METHODS FOR	Pending				25-Jun-09	Michael D. Ellis
	RECORDING PROGRAMS OF LESSER						
2270000	INTEREST WHEN CONVENIENT						
(1202001	SYSTEMS AND METHODS FOR TESTING	Cłoseo				11-Aug-05	Joshua A. Berry
11102872	ELECTRONIC DEVICES SYSTEM AND METHOD FOR PROVIDING	Dandina				0.405	Mark and Profession
	A LIST OF VIDEO-ON-DEMAND	เลยเดเหน				o-Apr-uo	Michael D. Ellis
	PROGRAMS						Robert A. Knee
	SYSTEMS AND METHODS FOR	Closed					Michael D. Ellis
	PROVIDING CHANNEL GROUPS IN AN						IVICATEDI U. LINS
	PG.						
11241523	SYSTEMS AND METHODS FOR	Issued	7646962	12-Jan-10	24-Aug-09	30-Sep-05	Jr. Reed S. Spiegel
	RECORDING AND PLAYING BACK			1.5			
	PROGRAMS HAVING DESIRABLE						
	RECORDING ATTRIBUTES						Michael D. Ellis
12623539	SYSTEMS AND METHODS FOR	Pending				23-Nov-09	Michael D. Ellis
	RECORDING AND PLAYING BACK						
	PROGRAMS HAVING DESIRABLE						
	RECORDING ATTRIBUTES						Reed S. Spiegel
11241522	SYSTEMS AND METHODS FOR	Closed				30-Sep-05	Michael D. Ellis
	RECORDING PROGRAMS						Robert A. Knee
11267200	SYSTEMS AND METHODS FOR	Pending				4-Nov-05	Michael L. Craner
	RECORDING PROGRAMS USING A						
	NETWORK RECORDING DEVICE AS						
44354464	SUPPLEMENTAL STOPAGE	D fire				44.0.4.05	
	SYSTEMS AND METHODS FOR	Pending				14-Oct-05	Michael L. Craner
	RECORDING MULTIPLE PROGRAMS						
	SIMULTANEOUSLY WITH A SINGLE						
12581523	TUNER SYSTEMS AND METHODS FOR	Pending				30°0×100	Michael L. Craner
000000000000000000000000000000000000000	RECORDING MULTIPLE PROGRAMS					ia-Califo	Michael Calle
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	TUNER						
11267469	SYSTEMS AND METHODS FOR	Pendina				4-Nov-05	Michael L. Craner
	RECORDING PROGRAMS WITH A					, 1100 00	
į	NETWORK RECORDING DEVICE UPON						
i		_					
	SYSTEMS AND METHODS FOR	Pending				29-Dec-05	Jon P. Radioff
	PROVIDING A PLAY LIST TOOLBAR						
11324191	FAILURE OF A USER'S EQUIPMENT SYSTEMS AND METHODS FOR	Pending				29-Dec-05	Jon P. Radioff

11395380 SYSTEMS AND METHODS FOR V	VIDEO- Pending	}	1	Τ	7	
RICH NAVIGATION	VIDEO- Icanding				30-1881-00	Gerard Kunkel Jon P. Radloff
RICHINAVIGATION						Michael D. Ellis
	1					Robert A. Knee
80667230SYSTEMS AND METHODS FOR 1	VIDEO- Gosea					Gerard Kunkel
RICH NAVIGATION					SV-mai-v-	Jon P. Radioff
income and the second						Michael D. Elie
						Robert A. Kree
11324147SYSTEMS AND METHODS FOR	Pendina			l	20 Day 05	Michael D. Ellis
PROVIDING MEDIA GUIDANCE B					23-1560-03	WING ROOF LJ. LJMS
DETERMINING THE SIMILARITY	i i					
BETWEEN MEDIA						Robert A. Knee
11695244SYSTEMS AND METHODS FOR I	USING Pending					Jon P. Radion
PLAYLISTS	cosae fraimil				10-909-20	
PLATUS IS						Joshus A. Berry
						Michael D. Ellis
						Michael L. Craner
4450522 GVOTENO AND METUODO FOR L	UCINIC Dester				42.11.00	Robert A. Kree
11595225 SYSTEMS AND METHODS FOR L	USING Pending				10-Nov-06	Michael L. Craner
PLAYLISTS 60658270INTERACTIVE TELEVISION APPL	0047040					
	LIUATION CIOSEG				2-Mar-IS	Jon P. Radjoff
FEATURES						Michael D. Ellis
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11318248 PROGRAM GUIDE WITH USER	Closed				22-Dec-05	Michael D. Ellis
RECOMMENDATION LISTS						
12565353PROGRAM GUIDE WITH USER	Pending				23-Sep-09	Michael D. Ellis
RECOMMENDATION LISTS						
11323984 SYSTEMS AND METHODS FOR	Pending				29-Dec-05	Michael L. Craner
RESOLVING CONFLICTS AND						
MANAGING SYSTEM RESOURCE	ES IN					
MULTIMEDIA DELIVERY SYSTEM		***************************************				Thomas Day
11324201 SYSTEMS AND METHODS FOR	Pending		l		29-Dec-06	Thomas Day
MANAGING A STATUS CHANGE	OFA					
MULTIMEDIA ASSET IN MULTIME	EDIA					
DELIVERY SYSTEMS						
11274851 PARENTAL PLAYLISTS	Closed				14-Nov-05	Michael L. Craner
481					l	Tia D. Peterson
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11273921 PARENTAL MEDIA PALETTES	Clased				14-Nov-05	Michael L. Craner
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1260836g PARENTAL MEDIA PALETTES	Clased Pending					
						Tia D. Peterson
	Pending				29-Oct-09	Tia D. Peterson Michael Craner
12608360 PARENTAL MEDIA PALETTES	Pending				29-Oct-09	Tia D. Peterson Michael Craner Tia D. Peterson
12608360 PARENTAL MEDIA PALETTES 11273964 MEDIA CONTROL SYSTEM WITH	Pending VIEWER Pending				29-Oct-09 14-Nov-05	Tia D. Peterson Michael Craner Tia D. Peterson
12608360 PARENTAL MEDIA PALETTES  11273964 MEDIA CONTROL SYSTEM WITH REWARDS  12638029 MEDIA CONTROL SYSTEM WITH REWARDS	Pending  VIEWER Pending  VIEWER Pending				29-Oct-09 14-Nov-05	Tis D. Paterson Michael Craner Tis D. Peterson Michael I. Craner
12608360 PARENTAL MEDIA PALETTES  11273954 MEDIA CONTROL SYSTEM WITH REWARDS 12638029 MEDIA CONTROL SYSTEM WITH REWARDS CUSTOMIZED VIRTUAL CHANNE	Pending  I VIEWER Pending  I VIEWER Pending  IL Chasel:				29-Oct-09 14-Nov-05	Tis D. Paterson Michael Craner Tis D. Peterson Michael I. Craner
12608360 PARENTAL MEDIA PALETTES  11273964 MEDIA CONTROL SYSTEM WITH REWARDS  12638029 MEDIA CONTROL SYSTEM WITH REWARDS	Pending  VIEWER Pending  VIEWER Pending				29-Oct-09 14-Nov-05 15-Dec-09	Tis D. Paterson Michael Craner Tis D. Peterson Michael I. Craner
12608360 PARENTAL MEDIA PALETTES  11273954 MEDIA CONTROL SYSTEM WITH REWARDS  12638029 MEDIA CONTROL SYSTEM WITH REWARDS CUSTOMIZED VIRTUAL CHANNE	Pending  I VIEWER Pending  I VIEWER Pending  IL Chasel:				29-Oct-09 14-Nov-05 15-Dec-09	Tia D. Peterson Michael Craner Tia D. Peterson Michael J. Graner Michael L. Craner
12608360 PARENTAL MEDIA PALETTES  11273954 MEDIA CONTROL SYSTEM WITH REWARDS 12638029 MEDIA CONTROL SYSTEM WITH REWARDS CUSTOMIZED VIRTUAL CHANNE 113241 835YSTEMS AND METHODS FOR	Pending  I VIEWER Pending  I VIEWER Pending  IL Chasel:				29-Oct-09 14-Nov-05 15-Dec-09 29-Dec-05	Tia D. Peterson Michael Craner Tia D. Peterson Michael L. Craner Michael L. Craner  Sanny R. Gaydou
12608360 PARENTAL MEDIA PALETTES  11273964 MEDIA CONTROL SYSTEM WITH REWARDS 12638029 MEDIA CONTROL SYSTEM WITH REWARDS CUSTOMIZED VIRTUAL CHANNE 113241 325YSTEMS AND METHODS FOR GENERATING ORDERED LISTS	Pending VIEWER Pending I VIEWER Pending L Closed Closed				29-Oct-09 14-Nov-05 15-Dec-09 29-Dec-05	Tia D. Peterson Michael Craner Tia D. Peterson Michael L. Craner Michael L. Craner Dariny R. Gaydou Michael L. Craner
12608360 PARENTAL MEDIA PALETTES  11273964 MEDIA CONTROL SYSTEM WITH REWARDS 12638023 MEDIA CONTROL SYSTEM WITH REWARDS CUSTOMIZED VIRTUAL CHANNE 113241 RSSYSTEMS AND METHODS FOR GENERATING ORDERED LISTS 11397525 MESSAGE EXCHANGE IN AN	Pending VIEWER Pending I VIEWER Pending L Closed Closed			3	29-Oct-09 14-Nov-05 15-Dec-09 29-Dec-05	Tis D. Peterson Michael Craner Tis D. Peterson Michael L. Craner Michael L. Craner Danny R. Gayybu Michael L. Craner Daniel C. Hagenbuch
12608360 PARENTAL MEDIA PALETTES  13273964 MEDIA CONTROL SYSTEM WITH REWARDS  12638029 MEDIA CONTROL SYSTEM WITH REWARDS CUSTOMIZED VIRTUAL CHANNE 11324133SYSTEMS AND METHODS FOR GENERATING ORDERED LISTS 11397525 MESSAGE EXCHANGE IN AN INTERACTIVE TELEVISION APPL	Pending VIEWER Pending I VIEWER Pending L Closed Closed				29-Oct-09 14-Nov-05 15-Dec-09 29-Dec-05	Tia D. Peterson Michael Craner Tia D. Peterson Michael L. Craner  Michael L. Craner  Danny R. Gayyou Michael L. Craner  Daniel C. Hagenbuch Eric N. Cheldelin
12608360 PARENTAL MEDIA PALETTES  11273964 MEDIA CONTROL SYSTEM WITH REWARDS  12638029 MEDIA CONTROL SYSTEM WITH REWARDS CUSTOMIZED VIRTUAL CHANNE 11324193SYSTEMS AND METHODS FOR GENERATING ORDERED LISTS 11397525 MESSAGE EXCHANGE IN AN INTERACTIVE TELEVISION APPL	Pending VIEWER Pending I VIEWER Pending L Closed Closed				29-Oct-09 14-Nov-05 15-Dec-09 29-Dec-05	Tia D. Peterson Michael Craner Tia D. Peterson Michael I. Craner  Michael L. Craner  Danny R. Baydou Michael L. Craner  Daniel C. Hagenbuch Eric N. Cheldelin Michael D. Ellis

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11431153SYSTEMS AND METHODS FOR Pending 8-May-08A	ndrzej T. Jakubowski
	erard Kunkel

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12189386	SYSTEMS AND METHODS FOR	Pending				11-Aug-08	Andrzej T. Jakubowski
	PROVIDING A SCAN						Gerard Kunkel
							Jon P. Radioff
							Michael D. Ellis
							Michael L. Craner
							Rajeshwari B. Iver
11431128	SYSTEMS AND METHODS FOR	Pending				8-May-06	Andrzej T. Jakubowski
	PROVIDING A SCAN						Gerard Kunkel
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31430516	SYSTEMS AND METHODS FOR	Pending				R.Man./A	Andrzej T. Jakubowski
	PROVIDING A SCAN					0.1121	Gerard Kunkel
							Jon P. Radioff
							Michael D. Ellis
							Michael L. Craner
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60711344	FEATURES FOR INTERACTIVE	Closed				74 0.00 06	Charles White
	PROGRAM GUIDES					zamog-10	Danny R. Gaydou
	I NOGIVAR GOIDEG						Gerard Kunkei
							Tia D. Peterson
60711192	THREE-DIMENIONAL NAVIGATION	Closed				24 Aug 06	Charles White
	PARADIGMS IN INTERACTIVE	Ciused				-	Danny R. Gaydou
	TELEVISION PROGRAM GUIDES						Gerard Kunkel
11510363	SYSTEMS AND METHODS FOR	Pending				74 Aug 06	Jon P. Radioff
	PROVIDING BLACKOUT SUPPORT IN					zarnograd	water creature
	VIDEO MOSAIC ENVIRONMENTS						Michael D. Ellis
11510247	SYSTEMS AND METHODS FOR	Pending				24. 80.0.00	Charles White
11010217	PROVIDING PARENTAL CONTROL	, chang				24-Adg-00	Charles Wille
	FEATURES IN VIDEO MOSAIC						Jon P. Radloff
	ENVIRONMENTS						Michael D. Ellis
11965797	SYSTEMS AND METHODS FOR	Pending				28 Eat 06	Michael L. Craner
	ENHANCED TRICK-PLAY FUNCTIONS					201 60-00	1911C4110001 C., CA1011C0
11401654	SYSTEMS AND METHODS FOR	Pending				10 Apr 06	Michael L. Craner
11401004	PROVIDING PARENTAL CONTROL	renderig				10-мрт-00	Michael F. Clallel
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14207600	ASSET SEARCHING SYSTEMS AND METHODS FOR	Closed				3 R. 02	Jon P. Radioff
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14635438	EXCHANGING ADVERTISEMENT SYSTEMS AND METHODS FOR MEDIA	Pending				g #	Jon P. Radioff
11000140		Condition				D-1980-06	
11607500	SOURCE SELECTION AND TOGGLING SYSTEM AND METHODS FOR	Closed				4 Da - 60	Thomas Day
		G0380		8		1-196-06	Jon P. Radloff
	MANAGING PARENTAL CONTROL WISH					30	58
	LISTS	<b></b>					
	SYSTEMS AND METHODS FOR	Pending				17-30-07	Michael Craner
	INTERACTING WITH MULTIPLE						-
	PLAYLISTS	<b>1</b>					Robert A. Knee

11647787	SYSTEMS AND METHODS FOR	Closed				28-Dec-06	Michael L. Craner
	CREATING VIDEO MOSAIC PAGES WITH						-
***************************************	LOCAL CONTENT						
12539367	SYSTEMS AND METHODS FOR	Pending				11-Aug-09	Michael L. Craner
	CREATING CUSTOM VIDEO MOSAIC						
	PAGES WITH LOCAL CONTENT						
11644120	SYSTEMS AND METHODS FOR	Closed				22-Dec-06	Arthony M. Dadderio
	SUPPORTING MULTI-USER MEDIA						
	CONTENT ACCESS USING INDEX						Kyle Aaron
	POINTS						Michael L. Craner
12545981	SYSTEMS AND METHODS FOR	Pending				24-Aug-09	Anthony M. Daddario JR.
	SUPPORTING MULTI-USER MEDIA		4.1				48 - 1
	CONTENT ACCESS USING INDEX			8			Kyle Aaron
	POINTS					e j	Michael L. Craner
11644119	SYSTEMS AND METHODS FOR	Pending				22-Dec-06	Michael L. Craner
	INSERTING ADVERTISEMENTS DURING				#	21-565-50	monaci L. Cratte
						4 14 <sub>11</sub>	Robert A, Knee
426 46875	COMMERCIAL SKIP SYSTEMS AND METHODS FOR	Pending				10.1	
12010010	<u> </u>	Latinging				12-Nov-09	Michael L. Craner
	INSERTING ADVERTISEMENTS DURING						Materia .
	COMMERCIAL SKIP						Robert/A. Knee
	SYSTEMS AND METHODS FOR VIEWING	Closed				22-Dec-06	Michael D. Ellis
	SUBSTITUTE MEDIA WHILE FAST					+1	
	FORWARDING PAST AN		55			\$ 1 m	Michael L. Craner
~~~~	ADVERTISEMENT					ec. ec.	Robert A. Knee
12502867	SYSTEMS AND METHODS FOR VIEWING	Pending				14-Jul-09	Michael D. Ellis
	SUBSTITUTE MEDIA WHILE FAST						
	FORWARDING PAST AN						Michael L. Craner
	ADVERTISEMENT						Robert A. Knee
11329334	USER INTERFACE FEATURES FOR	Closed	99			9-Jan-06	Michael L. Craner
	INFORMATION MANIPULATION AND					28 12	F 177
	DISPLAY DEVICES					ii ii	# # # <b>#</b>
11329329	USER INTERFACE FEATURES FOR	Closed				9-Jan-06	Michael L Craner
	INFORMATION MANIPULATION AND					J 55	mosaus & Statio
	DISPLAY DEVICES						
12582406	USER INTERFACE FEATURES FOR	Pending	***************************************			20 Cet 00	Michael L. Craner
1		L OLIVERON				20-061-09	Wilchael C. Charlet
	INFORMATION MANIPULATION AND						I
	DISPLAY DEVICES	22					
	USER INTERFACE FEATURES FOR	Closed				9-Jan-06	Michael L. Craner
	INFORMATION MANIPULATION AND						
	DISPLAY DEVICES						
11880448	SYSTEMS AND METHODS FOR	Pending				20-Jul-07	Michael Craner
	ALLOCATING BANDWIDTH IN SWITCHED						I
	DIGITAL VIDEO SYSTEMS BASED ON						
	INTEREST						
12171909	SYSTEMS AND METHODS FOR	Pending				11-Jul-08	Robert A. Knee
İ	ALLOCATING BANDWIDTH IN SWITCHED						
ļ	DIGITAL VIDEO SYSTEMS BASED ON						1
	INTEREST				pi		
11784120		Pending				3- <b>∆</b> n∈07	Reed S. Spiegel
	INTERACTIVE MEDIA GUIDANCE	•					
							Robert A. Knee
11706316	APPLICATION SYSTEMS SYSTEMS AND METHODS FOR	Pending				77.4	Jon P. Radioff
	PROVIDING BLACKOUT RECORDING	, erreniğ				£1.7 <b>0</b> 1311	von F. Fidural
	PROVIDING BLACKOUT RECORDING						

	AND SUMMARY INFORMATION				Michael D. Ellis
11827248	SYSTEMS AND METHODS FOR	Pending		11-Jul-07	Michael D. Ellis
	PROVIDING A SCAN TRANSPORT BAR				
12006641	SYSTEMS AND METHODS FOR	Pending		25-Dec-07	Michael Feldman
	EPISODIC ADVERTISEMENT TRACKING				Michael L. Craner
11888617	SYSTEMS AND METHODS FOR	Pending	 	31-Jul-07	Jon P. Radloff
	PROVIDING MEDIA GUIDANCE HOT				Michael D. Ellis
	LISTS				Robert A. Knee
					Thomas J. Day
50834605	SYSTEM AND METHODS FOR	Closed		31-101-06	Jon P. Radioff
	PROVIDING AN ENHANCED GUIDANCE				Michael D. Elis
	EXPERIENCE				Michael L. Craner
					Robert A. Knee
					Thomas Day
11888670	SYSTEMS AND METHODS FOR	Pending		31-Jul-07	Jon P. Radloff
	PROVIDING CUSTOM MOVIE LISTS				Michael D. Ellis
	:				Robert A. Knee
60903808	SYSTEMS AND METHODS FOR	Pending		26-Feb-07	Jon P. Radioff
	PROVIDING ENHANCED SPORTS				
	WATCHING MEDIA GUIDANCE				Michael D. Elis
11888675	SYSTEMS AND METHODS FOR	Pending		31_ luL07	Jon P. Radioff
	PROVIDING ENHANCED SPORTS			G i-var-c)	oon randon
	WATCHING MEDIA GUIDANCE				Michael D. Ellis
11888618	SYSTEMS AND METHODS FOR	Pending		24 63 07	Jon P. Radioff
	PROVIDING ENHANCED SPORTS			o resurv	score (Nameo)
	WATCHING MEDIA GUIDANCE				Michael D. Ellis
11988670	SYSTEMS AND METHODS FOR	Pending	 	24 54 07	******
1100000	PROVIDING ENHANCED SPORTS	rending		3 1-Jul-07	Michael D. Ellis
44000027	WATCHING MEDIA GUIDANCE SYSTEMS AND METHODS FOR				
		Pending		31-301-07	Michael D. Ellis
	PROVIDING MEDIA GUIDANCE				
44000000	PLAYNERS SYSTEMS AND METHODS FOR				Michael L. Craner
11666070		Pending		31-Jul-07	Michael D. Ellis
	PROVIDING MEDIA GUIDANCE				
	PLANNERS				Michael L. Craner
	SYSTEMS AND METHODS FOR	Pending		31-Jul-07	Michael D. Elis
	PROVIDING CUSTOM MEDIA CONTENT				
	FLIPPING				
11/1/986	SYSTEMS AND METHODS FOR	Closed		14-Mar-07	Elizabeth B. Callahan
	MAGNIFYING CONTENTS OF A TABLE		 	 	
3	DELETING TWO OR MORE STORED	Pending		21-Dec-07	Joshua Berry
	MEDIA PROGRAM REFERENCES BASED				
1	ON AT LEAST ONE PROGRAM				
	REFERENCE ATTRIBUTE	2233333333			
	CHANNEL SEARCHING BY CONTENT	Closed		23-Feb-07	John W. Baxter
	TYPE				
12616926		Pending		12-Nov-09	John W. Baxter
	TYPE			***************************************	
11974259	STORAGE MANAGEMENT OF A	Pending		12-Oct-07	Michael L. Craner
1	RECORDING DEVICE IN A MULTI-USER				
	SYSTEM	<u> </u>			Robert A. Knee

12006103	SYSTEMS AND METHODS FOR	Pending			28-Dec-07	Michael L. Craner
	PROVIDING CONTENT THAT IS					
	ILLUSTRATIVE OF CONTENT CONTROL					
	RATINGS					Reed S. Spiegel
	SYSTEMS AND METHODS FOR	Pending			29-May-08	Jon P. Radloff
	ALERTING USERS OF THE POSTPONED					
	RECORDING OF PROGRAMS					
12163001	SYSTEMS AND METHODS FOR RANKING	Pending		<del> </del>	27-Jun-08	John Baxter
3	ASSETS RELATIVE TO A GROUP OF					
	VIEWERS		}			Michael Craner
12269633	SYSTEM AND METHODS FOR	Pending			12-Nov-08	Michael L. Craner
	DETECTING INCONSISTENT USER					
	ACTIONS AND PROVIDING FEEDBACK					
12215690	SYSTEMS AND METHODS OF	Pending			27-Jun-08	Michael L. Craner
	TRANSITIONING FROM BUFFERING					
	VIDEO TO RECORDING VIDEO					Robert A, Knee
12245534	SYSTEMS AND METHODS FOR	Pending			3 30139	Michael L. Craner
	DELETING VIEWED PORTIONS OF					
	RECORDED PROGRAMS					
	SYSTEM AND METHODS FOR	Pending			80-guA-8	Jia Jane Wu
	IDENTIFYING AND MERGING					
	RECORDED SEGMENTS BELONGING TO					
	THE SAME PROGRAM		 			Joshua Berry
		Closed			4-Jan-08	Charles White
	GUIDES					Kyle Aaron
						Steven Carr
		Pending			31-Dec-08	Charles White
	SELECTING MEDIA ASSETS FOR					
	DISPLAY IN A SCREEN OF AN					Gerard Kunkel
1	NTERACTIVE MEDIA GUIDANCE					Kyle Aaron
	APPLICATION		1	1		Steven Carr

**RECORDED: 12/23/2021**