### UNITED STATES PATENT AND TRADEMARK OFFICE

\_\_\_\_\_

### BEFORE THE PATENT TRIAL AND APPEAL BOARD

Sling TV L.L.C. Petitioner,

v.

Uniloc 2017 LLC Patent Owner.

IPR No.: IPR2019-01367 Attorney Docket No.: 081841.0123

PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT NO. 8,407,609

Mail Stop PATENT BOARD
Patent Trial and Appeal Board
United States Patent and Trademark Office
PO Box 1450
Alexandria, Virginia 22313-1450

Submitted Electronically via the Patent Trial and Appeal Board End to End System



## Petition for Inter Partes Review of U.S. Patent No. 8,407,609

## TABLE OF CONTENTS

I.	MA	NDATORY NOTICES UNDER 37 C.F.R. 42.8(a)(1)	V
	A.	Real Party-in-Interest under 37 C.F.R. 42.8(b)(1)	v
	B.	Related Matters under 37 C.F.R. 42.8(b)(2)	v
	C.	Lead and Back-Up Counsel under 37 C.F.R. 42.8(b)(3)	vi
	D.	Service Information under 37 C.F.R. 42.8(b)(4)	vi
II.	INT	RODUCTION	1
III.	PAY	MENT OF FEES	1
IV.	REC	QUIREMENTS UNDER 37 C.F.R. 42.104	1
	A.	Grounds for Standing	1
	B.	Identification of Challenge and Statement of Precise Relief Requested	2
V.	BAC	CKGROUND OF THE TECHNOLOGY	
	A.	Web Page and Internet Technology	
	B.	Applets	
VI.	SUN	MARY OF THE '609 PATENT	3
	A.	The Alleged Invention	3
	B.	Relevant Prosecution History	4
VII.	SUN	MARY OF THE PRIOR ART	
	A.	The Knowledge of a POSA	6
	B.	Prior Art in this Petition	6
VIII.	LEV	EL OF ORDINARY SKILL IN THE ART	7
IX.	CLA	AIM CONSTRUCTION UNDER 37 C.F.R. 42.104(B)(3)	7
	A.	"applet" (Claim 1)	7
	B.	"computer system" (Claim 1)	8
	C.	Timing-related limitations (Claim 1)	9
Χ.	THE	E ASSERTED GROUNDS OF INVALIDITY	
	A.	Ground 1: U.S. 2004/0254887 ("Jacoby") in view of U.S. 5,732,218 ("Bland") renders claims 1-3 obvious under 35 U.S.C. §103	11



## Petition for Inter Partes Review of U.S. Patent No. 8,407,609

В.	Ground 2: PCT WO01/89195 ("Mcternan") in view of EP	
	939,516 ("Robinson") renders claims 1-3 obvious under 35	
	U.S.C. §103	. 40
C	Motivation to Combine	64



### Petition for Inter Partes Review of U.S. Patent No. 8,407,609

### PETITIONER'S EXHIBIT LIST

Ex. No.1	Description of Documents
1001	U.S. Patent No. 8,407,609 ("the '609 Patent")
1002	Declaration of Dr. James A. Storer
1003	Curriculum Vitae of Dr. James A. Storer ("Storer CV")
1004	File History for U.S. Patent No. 8,407,609 ("the '609 File History")
1005	First Amended Complaint, <i>Uniloc 2017 LLC v. Sling TV L.L.C.</i> , Case No. 1:19-cv-00278-RBJ-MEH, Dkt. No. 37 (Apr. 10, 2019) ("FAC")
1006	U.S. Patent Application Pub. No. 2004/0254887 to Jacoby ("Jacoby")
1007	PCT Pub. No. WO01/89195 to Mcternan et al. ("Mcternan")
1008	EP Patent Application Pub. No. 939,516 to Robinson et al. ("Robinson")
1009	U.S. Patent No. 5,732,218 to Bland et al. ("Bland")
1010	Gralla, How the Internet Works, Millennium Edition, Que 1999 ("Gralla")
1011	Bruce R. Maxim et al., The Internet Encyclopedia (Hossein Bidgoli ed., John Wiley & Sons Inc. 2004) ("Bidgoli")
1012	U.S. Patent Application Pub. No. 2002/0198781 to Cobley ("Cobley")

<sup>&</sup>lt;sup>1</sup> Citations to exhibits 1001, 1007, 1009, and 1012 are made by column and line number; citations to exhibits 1002, 1005, 1006, and 1008 are made by paragraph number; citations to the other exhibits are made with reference to the Batesstamped pagination.



## I. MANDATORY NOTICES UNDER 37 C.F.R. 42.8(a)(1)

### A. Real Party-in-Interest under 37 C.F.R. 42.8(b)(1)

Sling TV L.L.C. ("Sling") is the petitioner. Sling is directly or indirectly owned by the following direct or indirect owners: Sling TV Holding L.L.C., DISH Network L.L.C., DISH Technologies L.L.C., and DISH Network Corporation.

### B. Related Matters under 37 C.F.R. 42.8(b)(2)

The '609 Patent is the subject of five pending district court cases. The '609 Patent was also involved in an additional five district court cases that have been terminated. These ten cases are listed below:

- *Uniloc 2017, LLC v. Sling TV, LLC,* Case No. 1:19-cv-00278, District of Colorado (Pending)
- Uniloc 2017 LLC v. Netflix, Inc., Case No. 8-18-cv-01899, Central District of California (Terminated)
- Uniloc 2017 LLC et al v. American Broadcasting Companies, Inc. Case No. 8-18-cv-01930, Central District of California (Terminated)
- Uniloc 2017 LLC et al v. Google LLC
  Case No. 2-18-cv-00456, Eastern District of Texas (Terminated)
- Uniloc 2017 LLC et al v. Google LLC
   Case No. 2-18-cv-00502, Eastern District of Texas (Pending)
- Uniloc 2017 LLC v. Netflix, Inc. Case No. 8-18-cv-02055, Central District of California (Terminated)
- Uniloc 2017 LLC v. American Broadcasting Companies, Inc. Case No. 8-18-cv-02056, Central District of California (Pending)
- Uniloc 2017 LLC v. Roku, Inc.
   Case No. 1-18-cv-01126, Western District of Texas (Terminated)



# DOCKET

# Explore Litigation Insights



Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

# **Real-Time Litigation Alerts**



Keep your litigation team up-to-date with **real-time** alerts and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

### **Advanced Docket Research**



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## **Analytics At Your Fingertips**



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

### API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

#### **LAW FIRMS**

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

#### **FINANCIAL INSTITUTIONS**

Litigation and bankruptcy checks for companies and debtors.

### **E-DISCOVERY AND LEGAL VENDORS**

Sync your system to PACER to automate legal marketing.

