UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

ROKU, INC., Petitioner

v.

UNIVERSAL ELECTRONICS, INC., Patent Owner

IPR2019-01612 U.S. Patent No. 7,589,642

PETITIONER ROKU, INC.'S REPLY TO PATENT OWNER'S RESPONSE

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PETITIONER'S UPDATED EXHIBIT LIST

Exhibit No.	Description
1001	U.S. Patent No. 7,589,642 to Mui ("'642 Patent")
1002	Prosecution History of U.S. Patent No. 7,589,642 ("Prosecution History")
1003	Declaration of Dr. Samuel Russ in Support of Petition for <i>Inter Partes</i> Review of U.S. Patent No. 7,589,642
1004	Curriculum Vitae of Dr. Samuel Russ
1005	U.S. Patent Publication No. 2001/0005197 to Mishra <i>et al.</i> ("Mishra")
1006	U.S. Patent No. 8,132,105 to Dubil et al. ("Dubil")
1007	U.S. Patent Publication No. 2004/0080428 to Rye et al. ("Rye")
1008	U.S. Patent No. 7,562,128 to Caris et al. ("Caris")
1009	U.S. Patent No. 4,426,662 to Skerlos <i>et al.</i> ("Skerlos")
1010	Markman Order SACV 18-01580 JVS (Dated August 8, 2019)
1011	"Device Specification for Infrared Detecting unit for Remote Control GP1UV70QS series," Sharp Corporation Electronic Components Group, Opto-Electronic Devices Division (Dated December 27, 2002) ("GP1UV70")
1012	"Data Formats for IR Remote Control," Vishay Semiconductors (Dated August 27, 2003) ("Vishay")
1013	"User Interface – Infrared Learner (Remote Control) AN2092" Project Guide, Cypress Semiconductor Corporation (Dated November 11, 2002) ("Cypress")
1014	"VCR Commander Service User's Guide," Scientific-Atlanta, Inc., (Dated September 2000) ("VCR Commander")
1015	U.S. Patent No. 5,469,152 to Yamamoto et al. ("Yamamoto")
1016	"Infrared Remote Control Transmitter RC5 Product Specification," Philips Semiconductors (Dated June 15, 1999)
1017	"AT2400 AllTouch Remote Control User's Guide," Scientific- Atlanta, Inc. (Dated February 2002)
1018	"EXPLORER 2100 or 3100 Digital Home Communications Terminals User's Installation Guide," Scientific-Atlanta, Inc. (Dated July 2000)



Exhibit No.	Description
1019	U.S. Patent No. 6,909,471 to Bayley ("Bayley")
1020	U.S. Patent No. 5,745,192 to Bialobrzewski ("Bialobrzewski")
1020	U.S. Patent No. 5,365,282 to Levine ("Levine")
1021	U.S. Patent No. 6,225,873 to Hill ("Hill")
1022	U.S. Patent No. 7,149,474 to Mikhak ("Mikhak")
1023	U.S. Patent No. 6,122,010 to Emelko ("Emelko")
1025	U.S. Patent No. 7,151,575 to Landry <i>et al.</i> ("Landry")
1025	U.S. Patent No. 6,930,730 to Maxon <i>et al.</i> ("Maxon")
1020	U.S. Patent No. 6,993,134 to Epstein ("Epstein")
1027	Infringement Contentions Exhibit B-1, <i>Universal Electronics Inc.</i>
1028	v. Roku, Inc., 8:18-cv-01580 (C.D. Cal.)
	Infringement Contentions Exhibit A-1, <i>Universal Electronics Inc.</i>
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	Supplemental Declaration of Dr. Samuel Russ in Response to
1030	Patent Owner's Objections to Petitioner's Evidence for <i>Inter</i>
1000	Partes Review of U.S. Patent No. 7,589,642 (served but not filed)
	Transcript of Telephone Conference, Roku, Inc. v. Universal
1031	Electronics, Inc., June 26, 2020
	Declaration of Dr. Samuel Russ in Support of Petitioner's Reply to
1032	Patent Owner's Response
1000	Transcript of the Deposition of Dr. Michael Sprenger, IPR2019-
1033	01612 (Dated September 15, 2020)
1024	Transcript of the Deposition of Dr. Michael Sprenger, IPR2019-
1034	01613 (Dated September 16, 2020)
1025	Transcript of the Deposition of Dr. Michael Sprenger, IPR2019-
1035	01614 (Dated September 16, 2020)
	Supplemental Declaration of Michael Sprenger, Ph.D. in Support
1026	of Plaintiff's Supplemental Claim Construction Brief, TVnGO Ltd.
1036	v. LG Electronics, Inc., 1-18-10238 (D. N.J.) (Dated February 3,
	2020)
1027	Opinion, TVnGO Ltd. v. LG Electronics, Inc., 1-18-10238 (D. N.J.)
1037	(Dated April 16, 2020)



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