

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

ROKU, INC.,
Petitioner,

v.

UNIVERSAL ELECTRONICS, INC.,
Patent Owner.

Case IPR2019-01615
U.S. Patent 9,716,853

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

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 A. Contra Patent Owner’s argument, Chardon creates “a listing”—for example, an EDID-linked database—in response to a detected presence of an intended target appliance.2

 B. Contra Patent Owner’s argument, Chardon uses an identity associated with the intended target appliance—for example, the appliance’s EDID—to create “a listing.”5

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PETITIONER’S UPDATED EXHIBIT LIST

Exhibit No.	Description
1001	U.S. Patent No. 9,716,853 to Arling <i>et al.</i> (“’853 patent”)
1002	File History of U.S. Patent No. 9,716,853 (“Prosecution History”)
1003	Declaration of Dr. Samuel Russ in Support of Petition for <i>Inter Partes</i> Review of U.S. Patent No. 9,716,853
1004	<i>Curriculum Vitae</i> of Dr. Samuel Russ
1005	U.S. Patent Publication No. 2012/0249890 to Chardon <i>et al.</i> (“Chardon”)
1006	U.S. Patent Publication No. 2009/0254500 to Stecyk (“Stecyk”)
1007	U.S. Patent Publication No. 2004/0148632 to Park <i>et al.</i> (“Park”)
1008	Tracy V. Wilson, “How HDMI Works,” archived March 26, 2010 (https://web.archive.org/web/20100326090548/https://electronics.howstuffworks.com/hdmi2.htm)
1009	U.S. Patent Publication No. 2011/0289113 to Arling <i>et al.</i> (“Arling”)
1010	High-Definition Multimedia Interface – Specification Version 1.3a (November 10, 2006)
1011	User Manual Harmony 900 – Remote Control User Guide, Version 1.0, Logitech
1012	<i>Intentionally Left Blank</i>
1013	U.S. Patent No. 7,944,370 to Harris <i>et al.</i> (“Harris”)
1014	<i>Intentionally Left Blank</i>
1015	<i>Intentionally Left Blank</i>
1016	U.S. Patent No. 7,136,709 to Arling <i>et al.</i> (“Arling II”).
1017	Universal Electronics Inc. v. Roku, Claim Construction Order – 8:18-cv-01580 (August 8, 2019)
1018	<i>Intentionally Left Blank</i>

Exhibit No.	Description
1019	BDP-33FD – Pioneer Elite 1080p Streaming Blu-Ray Disc™ Player, Pioneer Electronics Inc., archived December 14, 2010 (https://web.archive.org/web/20101214050550/http://www.pioneerelectronics.com:80/ephox/StaticFiles/PUSA/Files/BDP-33FD.pdf)
1020	2010 Spring BD-Players, BDP IP & RS-232 Control Version 1.00.00, (“Remote Code Commands List”) (http://files.remotecentral.com/library/22-1/pioneer/blu-ray_disc_player/index.html)
1021	<i>Intentionally Left Blank</i>
1022	2010 Spring BD-Players, BDP IP & RS-232 Control Version 1.00.00, Edited 12/8/2010 (“Remote Code Commands List”) (https://www.pioneerelectronics.com/StaticFiles/PUSA/Files/Home%20Custom%20Install/2010%20Pioneer%20BDP_330_IP_&_RS-232_Commands.pdf)
1023	<i>Intentionally Left Blank</i>
1024	International CES 2000 Report – Universal Electronics Inc. (2000) (http://www.remotecentral.com/ces2000/uei.htm)
1025	“Data Formats for IR Remote Controls”, Vishay Semiconductors, Document No. 80071, Rev. A2, (August 27, 2003)
1026	AT2400 AllTouch Remote Control User’s Guide, Scientific Atlanta Inc., (2002)
1027	User Interface – Infrared Learner (Remote Control), Application Note AN2092, Cypress Semiconductor, Document No. 001-41063, (November 11, 2002)
1028	VCR Commander™ Service User’s Guide, Scientific-Atlanta Inc. (2000)
1029	Michael Brown, Product Reviews - Logitech Harmony 900 Review, User Review 1 (September 14, 2009) (https://www.digitaltrends.com/gadget-reviews/logitech-harmony-900-review/)

Exhibit No.	Description
1030	Dave Rees, Logitech Harmony 900 Universal Remote Review, The Gadgeteer, User Review 2 (https://the-gadgeteer.com/2010/01/25/logitech-harmony-900-universal-remote-review/)
1031	Explorer 2100 or 3100 Digital Home Communications Terminals - User's Installation Guide, Scientific Atlanta Inc. (July 2000)
1032	ANSI/CEA Standard, Remote Control Command Pass-through Standard for Home Networking, ANSI/CEA-931-C R2012 (December, 2007)
1033	Mark Eyer, "Communication of Remote Control Key Codes in the Home Network," 2003 IEEE International Conference on Consumer Electronics, 2003. ICCE., Los Angeles, CA, USA, pp. 94-95 (2003)
1034	<i>Intentionally Left Blank</i>
1035	<i>Intentionally Left Blank</i>
1036	Connecting the Explorer 8300HD™ Digital Video Recorder Manual, Scientific Atlantic Inc. (2005)
1037	U.S. Patent No. 7,554,614 to Satou ("Satou")
1038	U.S. Patent No. 7,940,809 to Lee ("Lee")
1039	U.S. Patent No. 7,945,708 to Ohkita ("Ohkita")
1040	U.S. Patent No. 7,948,290 to Kato ("Kato")
1041	U.S. Patent No. 8,032,911 to Ohkita ("Ohkita II")
1042	"HDMI Adopters," HDMI.org, archived March 26, 2010 (https://web.archive.org/web/20100326092325/http://www.hdmi.org/learningcenter/adopters_founders.aspx)
1043	Declaration of Steve Venuti
1044	"HDMI: About Us," HDMI.org (https://www.hdmi.org/about/index.aspx)

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