

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

VIZIO, INC.,
Petitioner,

v.

MULTIMEDIA TECHNOLOGIES PTE. LTD.,
Patent Owner.

Case IPR2024-00723
Patent 9,578,384

PETITIONER'S UPDATED EXHIBIT LIST

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Petitioner VIZIO, Inc. hereby submits its Updated Exhibit List to accompany the submission of Exhibit 1054.

Exhibit No.	Description
1001	U.S. Patent No. 9,578,384 to Selim, <i>et al.</i>
1002	Prosecution History of U.S. Patent No. 9,578,384
1003	Declaration of Henry Houh
1004	<i>Curriculum vitae</i> of Henry Houh
1005	<p>YouTube Video File entitled, “Connected TV: Vizio LED HDTV with VIA Apps Part 1 of 2,” available at https://www.youtube.com/watch?v=MnjqA2IQHG8, posted on January 20, 2011, segmented video exhibit created for this proceeding on February 13, 2024, submitted in mpeg format (“TechnoBuffalo1”)</p> <p>TechnoBuffalo1 – Segment 1 of 6</p>

Exhibit No.	Description
1006	<p data-bbox="418 275 1398 737">YouTube Video File entitled, “Connected TV: Vizio LED HDTV with VIA Apps Part 1 of 2,” available at <a data-bbox="418 443 1360 485" href="https://www.youtube.com/watch?v=MnjqA2IQHG8">https://www.youtube.com/watch?v=MnjqA2IQHG8, posted on January 20, 2011, segmented video exhibit created for this proceeding on February 13, 2024, submitted in mpeg format (“TechnoBuffalo1”)</p> <p data-bbox="418 873 927 915">TechnoBuffalo1 – Segment 2 of 6</p>
1007	<p data-bbox="418 957 1398 1419">YouTube Video File entitled, “Connected TV: Vizio LED HDTV with VIA Apps Part 1 of 2,” available at <a data-bbox="418 1125 1360 1167" href="https://www.youtube.com/watch?v=MnjqA2IQHG8">https://www.youtube.com/watch?v=MnjqA2IQHG8, posted on January 20, 2011, segmented video exhibit created for this proceeding on February 13, 2024, submitted in mpeg format (“TechnoBuffalo1”)</p> <p data-bbox="418 1556 927 1598">TechnoBuffalo1 – Segment 3 of 6</p>

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1008	<p data-bbox="418 275 1398 737">YouTube Video File entitled, “Connected TV: Vizio LED HDTV with VIA Apps Part 1 of 2,” available at <a data-bbox="418 443 1360 485" href="https://www.youtube.com/watch?v=MnjqA2IQHG8">https://www.youtube.com/watch?v=MnjqA2IQHG8, posted on January 20, 2011, segmented video exhibit created for this proceeding on February 13, 2024, submitted in mpeg format (“TechnoBuffalo1”)</p> <p data-bbox="418 873 927 915">TechnoBuffalo1 – Segment 4 of 6</p>
1009	<p data-bbox="418 957 1398 1419">YouTube Video File entitled, “Connected TV: Vizio LED HDTV with VIA Apps Part 1 of 2,” available at <a data-bbox="418 1125 1360 1167" href="https://www.youtube.com/watch?v=MnjqA2IQHG8">https://www.youtube.com/watch?v=MnjqA2IQHG8, posted on January 20, 2011, segmented video exhibit created for this proceeding on February 13, 2024, submitted in mpeg format (“TechnoBuffalo1”)</p> <p data-bbox="418 1556 927 1598">TechnoBuffalo1 – Segment 5 of 6</p>

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1010	<p data-bbox="418 275 1398 737">YouTube Video File entitled, “Connected TV: Vizio LED HDTV with VIA Apps Part 1 of 2,” available at <a data-bbox="418 443 1360 485" href="https://www.youtube.com/watch?v=MnjqA2IQHG8">https://www.youtube.com/watch?v=MnjqA2IQHG8, posted on January 20, 2011, segmented video exhibit created for this proceeding on February 13, 2024, submitted in mpeg format (“TechnoBuffalo1”)</p> <p data-bbox="418 873 927 915">TechnoBuffalo1 – Segment 6 of 6</p>
1011	<p data-bbox="418 957 1398 1419">YouTube Video File entitled, “Connected TV: Vizio LED HDTV with VIA Apps Part 2 of 2,” available at <a data-bbox="418 1125 1398 1167" href="https://www.youtube.com/watch?v=S9oVDVDHVBM">https://www.youtube.com/watch?v=S9oVDVDHVBM, posted on January 19, 2011, segmented video exhibit created for this proceeding on February 13, 2024, submitted in mpeg format (“TechnoBuffalo2”)</p> <p data-bbox="418 1556 927 1598">TechnoBuffalo2 – Segment 1 of 7</p>

Exhibit No.	Description
1012	<p data-bbox="418 275 1401 737">YouTube Video File entitled, “Connected TV: Vizio LED HDTV with VIA Apps Part 2 of 2,” available at <a data-bbox="418 443 1401 478" href="https://www.youtube.com/watch?v=S9oVDVDHVBM">https://www.youtube.com/watch?v=S9oVDVDHVBM, posted on January 19, 2011, segmented video exhibit created for this proceeding on February 13, 2024, submitted in mpeg format (“TechnoBuffalo2”)</p> <p data-bbox="418 873 927 909">TechnoBuffalo2 – Segment 2 of 7</p>
1013	<p data-bbox="418 957 1401 1419">YouTube Video File entitled, “Connected TV: Vizio LED HDTV with VIA Apps Part 2 of 2,” available at <a data-bbox="418 1125 1401 1161" href="https://www.youtube.com/watch?v=S9oVDVDHVBM">https://www.youtube.com/watch?v=S9oVDVDHVBM, posted on January 19, 2011, segmented video exhibit created for this proceeding on February 13, 2024, submitted in mpeg format (“TechnoBuffalo2”)</p> <p data-bbox="418 1556 927 1591">TechnoBuffalo2 – Segment 3 of 7</p>

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1014	<p data-bbox="418 275 1401 737">YouTube Video File entitled, “Connected TV: Vizio LED HDTV with VIA Apps Part 2 of 2,” available at <a data-bbox="418 443 1401 478" href="https://www.youtube.com/watch?v=S9oVDVDHVBM">https://www.youtube.com/watch?v=S9oVDVDHVBM, posted on January 19, 2011, segmented video exhibit created for this proceeding on February 13, 2024, submitted in mpeg format (“TechnoBuffalo2”)</p> <p data-bbox="418 873 927 909">TechnoBuffalo2 – Segment 4 of 7</p>
1015	<p data-bbox="418 957 1401 1419">YouTube Video File entitled, “Connected TV: Vizio LED HDTV with VIA Apps Part 2 of 2,” available at <a data-bbox="418 1125 1401 1161" href="https://www.youtube.com/watch?v=S9oVDVDHVBM">https://www.youtube.com/watch?v=S9oVDVDHVBM, posted on January 19, 2011, segmented video exhibit created for this proceeding on February 13, 2024, submitted in mpeg format (“TechnoBuffalo2”)</p> <p data-bbox="418 1556 927 1591">TechnoBuffalo2 – Segment 5 of 7</p>

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1017	<p data-bbox="418 957 1401 1419">YouTube Video File entitled, “Connected TV: Vizio LED HDTV with VIA Apps Part 2 of 2,” available at <a data-bbox="418 1125 1401 1161" href="https://www.youtube.com/watch?v=S9oVDVDHVBM">https://www.youtube.com/watch?v=S9oVDVDHVBM, posted on January 19, 2011, segmented video exhibit created for this proceeding on February 13, 2024, submitted in mpeg format (“TechnoBuffalo2”)</p> <p data-bbox="418 1556 927 1591">TechnoBuffalo2 – Segment 7 of 7</p>

Exhibit No.	Description
1018	YouTube Video File entitled, “Apple TV Netflix Walkthrough,” available at https://www.youtube.com/watch?v=rglW9JQVMjQ , posted on April 16, 2012, video exhibit created for this proceeding on February 13, 2024, submitted in mpeg format (“MissingRemote”)
1019	U.S. Patent Publication No. US 2012/0054794 to Kim <i>et al.</i>
1020	U.S. Patent No. 8,365,235 to Hunt <i>et al.</i>
1021	U.S. Patent No. 7,634,793 to Hunleth <i>et al.</i>
1022	U.S. Patent Publication No. US 2012/0054679 to Ma <i>et al.</i>
1023	MMT’s Infringement Contentions, Appendix E, served on July 20, 2023 by Patent Owner in the District Court matter, <i>Multimedia Technologies PTE Ltd., v. VIZIO Inc.</i> , No. 2:23-cv-00124-JRG-RSP (E.D. Tex.)
1024	<i>MerchSource, LLC v. DODOcase VR, Inc.</i> , PGR2018-00019, Exhibit 1029
1025	Declaration of Noah Kravitz
1026	Declaration of Andrew Van Til
1027	Executed Summons from <i>Multimedia Technologies PTE, LTD v. VIZIO, Inc.</i> , Case No. 2:23-CV-124

Exhibit No.	Description
1028	<p>“The Rise of Video On Demand (VOD) Streaming,” by Aura Lyu, dated April 7, 2023, available at</p> <p>https://www.yololiv.com/blog/the-rise-of-video-on-demand-vod-streaming/</p>
1029	<p>“RealAudio” topic in Britannica online, available at</p> <p>https://www.britannica.com/topic/RealAudio</p>
1030	<p>“The Story of WebTV, the Smart TV of the 90s,” by Ernie Smith, published by Vice.com, dated September 16, 2016, available at</p> <p>https://www.vice.com/en/article/4xaqe9/why-webtvs-remote-controlled-internet-failed-to-take-off</p>
1031	<p>“The Consumer Electronics Hall of Fame: TIVO,” by Brian Santo, published by IEEE Spectrum, dated November 7, 2019, available at https://spectrum.ieee.org/the-consumer-electronics-hall-of-fame-tivo</p>

Exhibit No.	Description
1032	<p>“MythTV Invades Realm of Cable and TiVo,” by Chris Barylick, published by the Washington Post, dated March 25, 2006, available at</p> <p>https://www.washingtonpost.com/archive/business/2006/03/26/mythtv-invades-realm-of-cable-and-tivo/0d8393bb-6ae5-4f90-8657-e111f5fb9257/</p>
1033	<p>“The Wait Is Over! Windows XP Media Center Edition Ushers in New Era of Entertainment on the PC,” dated October 28, 2002, available at https://news.microsoft.com/2002/10/28/the-wait-is-over-windows-xp-media-center-edition-ushers-in-new-era-of-entertainment-on-the-pc/</p>
1034	<p>“A History of the GUI,” by Jeremy Reimer, dated May 4, 2005, published by Ars Technica, available at</p> <p>https://arstechnica.com/features/2005/05/gui/</p>
1035	<p>Webpage printout from Toastytech.com, available at</p> <p>http://toastytech.com/guis/win952.html</p>

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1036	<p>“IOS: A Visual History,” by Verge Staff, dated September 16, 2013, available at</p> <p>https://www.theverge.com/2011/12/13/2612736/ios-history-iphone-ipad</p>
1037	<p>“Apple TV (1st generation),” published by Apple Wiki, available at https://apple.fandom.com/wiki/Apple_TV_(1st_generation)</p>
1038	U.S. Patent No. 5,905,521 to Gatto <i>et al.</i>
1039	<p>“WebTV May Not Be for Everyone, but It’s a Step in the Right Direction,” by Lawrence J. Magid, dated September 30, 1996, published by the LA Times, available at</p> <p>https://www.latimes.com/archives/la-xpm-1996-09-30-fi-49004-story.html</p>
1040	<p>“Holiday Buyer’s Guide 2007, Part 2; HP MediaSmart TV” by Sina Mohammadi, dated November 12, 2007, published by tom’s Hardware, available at</p> <p>https://www.tomshardware.com/reviews/holiday-buyers-guide-2007,1723-9.html</p>

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1041	<p>“Netflix and Vizio to stream films to high-def TVs, dated January 7, 2009, published by Reuters, available at https://www.reuters.com/article/us-netflix-vizio/netflix-and-vizio-to-stream-films-to-high-def-tvs-idUSTRE5066WV20090108</p>
1042	<p>“Vizio’s Wireless TV Connects to the Web Through New ‘Widget Stream,’” by Jose Feroso, dated January 8, 2009, published by Wired, available at https://www.wired.com/2009/01/vizios-connects/</p>
1043	<p>“LG to release first HDTVs that instantly stream movies from Netflix,” by Darren Murph, dated January 4, 2009, published by engadget, available at https://www.engadget.com/2009-01-05-lg-to-release-first-hdtvs-that-instantly-stream-movies-from-netf.html</p>
1044	<p>“How to use Netflix on your Apple TV,” available at https://help.netflix.com/en/node/23887</p>
1045	<p>“Google TV: Everything You Need To Know,” by Jay Yarow, dated May 21, 2010, published by Business Insider, available at https://www.businessinsider.com/what-is-google-tv-2010-5</p>

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1046	“Sony Outs The First HDTV Powered By Google TV,” by Matt Burns, dated October 12, 2010, published by TechCrunch, available at https://techcrunch.com/2010/10/12/sony-google-tv/
1047	“MythTV on Design,” by David Shanske, published by Gadget Wisdom, dated November 3, 2009, available at https://www.gadgetwisdom.com/2009/11/03/mythtv-on-design/
1048	“Java and XSLT,” by Eric M. Burke, dated 2001 (relevant excerpt from book)
1049	“The Developer’s Guide to Social Programming,” by Mark D. Hawker, dated 2011 (relevant excerpt from book)
1050	VIZIO’s Motion to Dismiss for Improper Venue Under Rule 12(b)(3), <i>Multimedia Technologies PTE Ltd., v. VIZIO Inc.</i> , No. 2:23-cv-00124-JRG-RSP (E.D. Tex.), Dkt. 20, Public version.
1051	Multimedia Technologies’ Response in Opposition to VIZIO’s Motion to Dismiss for Improper Venue Under Rule 12(b)(3), <i>Multimedia Technologies PTE Ltd., v. VIZIO Inc.</i> , No. 2:23-cv-00124-JRG-RSP (E.D. Tex.), Dkt. 32, Public version.
1052	Declaration of Ryan A. Hargrave in Support of Petitioner’s Motion for <i>Pro Hac Vice</i> Admission

Exhibit No.	Description
1053	Transcript of deposition of Dr. Rajeev Surati taken April 28, 2025
1054	Petitioner's Demonstrative Exhibits

Dated: August 27, 2025

Respectfully Submitted,

/Rex Hwang/

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CERTIFICATE OF SERVICE

The undersigned hereby certifies that on August 27, 2025, a copy of the foregoing Petitioner's Updated Exhibit List was served via electronic mail to the following attorneys of record for the Patent Owner:

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