

**UNITED STATES PATENT AND TRADEMARK OFFICE**

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**BEFORE THE PATENT TRIAL AND APPEAL BOARD**

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APPLE INC.,  
Petitioner,

v.

MEMORYWEB, LLC,  
Patent Owner.

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Case No. IPR2022-00033  
U.S. Patent No. 10,423,658

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**PETITIONER'S REPLY**

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**UPDATED EXHIBIT LIST**

<b>No.</b>	<b>Exhibit Description</b>
1001	U.S. Patent No. 10,423,658
1002	File History of U.S. Patent No. 10,423,658
1003	Declaration of Dr. Loren Terveen regarding U.S. Patent No. 10,423,658
1004	CV of Dr. Loren Terveen
1005	Aperture 3 User Manual, Apple Inc. (Feb. 2010) (" <u>A3UM</u> ")
1006	U.S. Patent App. Pub. No. 2010/0058212 A1 to Belitz et al. (" <u>Belitz</u> ")
1007	U.S. Patent No. 9,612,126 to Beletski et al.
1008	U.S. Patent No. 8,160,400 to Snavely et al.
1009	RESERVED
1010	U.S. Patent No. 9,098,531 ("531 Patent")
1011	U.S. Patent No. 9,552,376 ("376 Patent")
1012	RESERVED
1013	U.S. Patent No. 10,621,228 ("228 Patent")
1014	U.S. Patent No. 11,017,020 ("020 Patent")
1015	File History of U.S. Patent No. 9,098,531
1016	File History of U.S. Patent No. 9,552,376
1017	RESERVED
1018	File History of U.S. Patent No. 10,621,228
1019	File History of U.S. Patent No. 11,017,020
1020	Declaration of Matthew Birdsell
1021	Apple Inc., <a href="http://www.apple.com">www.apple.com</a> (various) (Archive.org: Feb. 17 to Mar. 5, 2010)
1022	Standard Affidavit, Internet Archive (Oct. 8, 2021), available at <a href="https://archive.org/legal/affidavit.php">https://archive.org/legal/affidavit.php</a>

No.	Exhibit Description
1023	Complaint, <i>MemoryWeb, LLC v. Apple, Inc.</i> , Civ. No. 6:21-cv-531, Dkt. 1 (W.D. Tex. May 25, 2021).
1024	Affidavit of Service, <i>MemoryWeb, LLC v. Apple, Inc.</i> , Civ. No. 6:21-cv-531, Dkt. 9 (W.D. Tex. Jun. 11, 2021) (service as of June 10, 2021)
1025	U.S. Patent No. 7,620,496 to Rasmussen
1026	Joint Motion for Entry of Agreed Scheduling Order, <i>MemoryWeb, LLC v. Apple, Inc.</i> , Civ. No. 6:21-cv-531, Dkt. 24 (W.D. Tex. Oct. 1, 2021)
1027	Plaintiff MemoryWeb, LLC's Initial Infringement Contentions, <i>MemoryWeb, LLC v. Apple, Inc.</i> , Civ. No. 6:21-cv-531 (W.D. Tex. Sept. 24, 2021) (service only)
1028	U.S. Patent App. Pub. No. 2011/0074811 A1 to Hanson et al.
1029	<i>Top 11 Technologies of the Decade</i> , IEEE Spectrum, pp. 27-63 (Jan. 2011).
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1031	Wikipedia Entry for "Image organizer" (Archive.org: Apr. 27, 2010), available at <a href="https://web.archive.org/web/20100427092553/https://en.wikipedia.org/wiki/Image_organizer">https://web.archive.org/web/20100427092553/https://en.wikipedia.org/wiki/Image_organizer</a>
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1035	Shu-Wai Chow, <i>PHP Web 2.0 Mashup Projects</i> , Packt Publishing (2007)
1036	Exchangeable image file format for digital still cameras: Exif Version 2.2, JEITA CP-3451 (Apr. 2002), available at <a href="https://www.exif.org/Exif2-2.PDF">https://www.exif.org/Exif2-2.PDF</a> .
1037	Information Interchange Model Version 4, IPTC-NAA (July 1999)
1038	Guidelines for Handling Image Metadata v. 1.0, Metadata Working Group (Sept. 2008), , available at <a href="https://web.archive.org/web/20090206012835/http://metadatatworkinggroup.org/pdf/mwg_guidance.pdf">https://web.archive.org/web/20090206012835/http://metadatatworkinggroup.org/pdf/mwg_guidance.pdf</a> .
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1041	U.S. Patent App. Pub. No. 2009/0113350 A1 to Hibino et al.
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1043	Flickr, Tour: Maps (Archive.org: Feb. 9, 2010), available at <a href="http://www.flickr.com/tour/maps">http://www.flickr.com/tour/maps</a>
1044	Devin Coldewey, <i>Review: Aperture 3</i> , CrunchGear (Archive.org: Mar. 22, 2010), available at <a href="http://www.crunchgear.com/2010/03/19/review-aperture-3/">http://www.crunchgear.com/2010/03/19/review-aperture-3/</a>
1045	Tony Wu, <i>Using Aperture 3: Part 1</i> (Archive.org: Apr. 2, 2010), available at <a href="http://www.tonywublog.com/20100330/first-good-impressions-using-aperture-3.html">http://www.tonywublog.com/20100330/first-good-impressions-using-aperture-3.html</a>
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