

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.

PERSONALIZED MEDIA COMMUNICATIONS, LLC  
Patent Owner

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Case No.: IPR2016-00755  
Patent No.: 8,191,091

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**PATENT OWNER'S UPDATED EXHIBIT LIST**

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## PATENT OWNER'S UPDATED EXHIBIT LIST

IPR2016-00755

Exhibit No.	Description
2001.	Declaration Of Alfred C. Weaver, Pd.D., In Support Of Patent Owner's Preliminary Response
2002.	Curriculum Vitae of Dr. Alfred C. Weaver
2003.	Transcript of Depositions of Anthony Wechselberger, <i>Amazon v. PMC</i> , IPR2014-01532 (June 2-3 and August 25, 2014)
2004.	PMC's Appeal Brief in Reexam. of U.S. Pat. No. 4,965,825, Control No. 90/006,536 (January 29, 2007)
2005.	PMC's Reply Brief in Reexam. of U.S. Pat. No. 5,335,277, Control No. 90/006,536 & 90/006,698 (November 10, 2008)
2006.	PMC's Appeal Brief in Reexam. of U.S. Pat. No. 5,335,277, Control No. 90/006,536 & 90/006,698 (August 16, 2006)
2007.	Board Decision in Reexam. of U.S. Pat. No. 5,335,277, Control No. 90/006,536 (January 19, 2010)
2008.	Order (Dkt. No. 715) in <i>Pegasus Dev. Corp. et al. v. DirecTV, Inc. et al.</i> , C.A. No. 00-1020 (D. Del. May 15, 2013)
2009.	Board Decision in Reexam. of U.S. Pat. No. 4,965,825, Control No. 90/006,536 (December 19, 2008)
2010.	Expert Declaration Of Anthony J. Wechselberger In Support Of Defendants' Principal Opening Brief On Claim Construction (Dkt. No. 159) in <i>Broadcast Innovation, LLC v. Echostar Communications Corp, Hughes Electronics Corp, DirecTV, Thomson Multimedia, Dotcast, Pegasus Satellite Television Inc.</i> , C.A. No. 01-WY-2201 (D. Col. Sept. 16, 2002)
2011.	U.S. Pat. No. 4,893,248 to Pitts
2012.	Excerpt from Joint Claim Construction Chart (Dkt. No. 170) in <i>PMC v. Apple</i> , C.A. 2:15-cv-01366, (E.D. Tex. June 14, 2016)
2013.	Excerpts from 1981 New Collegiate Dictionary,

	definitions of “designate” and “locate”
2014.	Decision, Institution of <i>Inter Partes</i> Review for IPR2013-00217, U.S. Patent No. 7,162,549 (September 10, 2013)
2015.	Information Disclosure Statement in Application No. 08/485,507 (September 5, 1995)
2016.	Information Disclosure Statement in Application No. 08/485,507 (December 22, 2011)
2017.	Preliminary Amendment in Application No. 08/485,507 (June 7, 1995)
2018.	Notice of Allowance in Application No. 08/460,793 (July 10, 2013)
2019.	Notice of Allowance in Application No. 08/487,649 (October 8, 2013)
2020.	“Decision On Appeal” in <i>Ex Parte</i> Reexamination Control 90/006,536 (of U.S. Patent 4,965,825) (December 19, 2008)
2021.	“Decision On Appeal” in <i>Ex Parte</i> Reexamination Control Nos. 90/006,563 & 90/006,698 (of U.S. Patent 5,335,277) (January 19, 2010)
2022.	Declaration Of Alfred C. Weaver, Ph.D., In Support Of Patent Owner’s Response
2023.	Memorandum Opinion and Order (Dkt. 246) in <i>PMC v. Apple</i> , C.A. 2:15-cv-01366, (E.D. Tex. June 14, 2016)
2024.	Declaration Of Thomas J. Scott, Jr. Supporting Patentability
2025.	Hisashi Kaneko and Tatsuo Ishiguro, <i>Digital Television Transmission Using Bandwith Compression Techniques</i> , IEEE Communications Magazine, July 1980, pp. 14-22
2026.	John Free, <i>High-Resolution TV – Here come wide-screen crystal-clear pictures</i> , Popular Science, Nov. 1981, pp. 108-110
2027.	Definition of “instruction” from Webster’s Ninth NewCollegiate Dictionary, 1988
2028.	Definition of “instruction” from Computer Dictionary, Fourth Edition, 1985
2029.	Definition of “execute” from Computer Dictionary and Handbook, Third Edition, 1980

2030.	E.S. Busby, <i>Principles of Digital Television Simplified</i> , Journal of the SMPTE, July 1975, pp. 542-545
2031.	David A. Howell, <i>A Primer on Digital Television</i> , Journal of the SMPTE, July 1975, pp. 538-540
2032.	Gwyneth Davies Heynes, <i>Digital Television – A Glossary and Bibliography</i> , SMPTE Journal, January 1977, pp. 6-9
2033.	Leonard S. Golding, <i>Quality Assessment of Digital Television Signals</i> , SMPTE Journal, March 1978, pp. 153-157
2034.	Jonathan H. Stott, <i>Design Technique for Multiplexing Asynchronous Digital Video and Audio Signals</i> , IEEE Transactions on Communications, May 1978, pp. 601-610
2035.	Toshio Koga, et al., <i>Statistical Performance Analysis of an Interframe Encoder for Broadcast Television Signals</i> , IEEE Transactions on Communications, Dec. 1981, pp. 1868-1876
2036.	Farhard A. Kamangar and K.R. Rao, <i>Interfield Hybrid Coding of Component Color Television Signals</i> , IEEE Transactions on Communications, Dec. 1981, pp. 1740-1753
2037.	A.N. Netravali and J.D. Robbins, <i>Motion-Compensated Television Coding: Part I</i> , The Bell System Technical Journal, March 1979, pp. 631-670
2038.	A.N. Netravali and J.A. Stuller, <i>Motion-Compensated Transform Coding</i> , The Bell System Technical Journal, Sept. 1979, pp. 1703-1718
2039.	John O. Limb, et al., <i>Digital Coding of Color Video Signals – A Review</i> , IEEE Transactions on Communications, Nov. 1977, pp. 1349-1385
2040.	Izumi Horikawa, et al., <i>Design and Performances of a 200 Mbit/s 16 QAM Digital Radio System</i> , IEEE Transactions on Communications, Dec. 1979, pp. 1953-1958
2041.	Philippe Dupuis, et al., <i>16 QAM Modulation for High Capacity Digital Radio System</i> , IEEE Transactions on Communications, Dec. 1979, pp. 1771-1782
2042.	Shozo Komaki, et al., <i>Characteristics of a High</i>

	<i>Capacity 16 QAM Digital Radio System in Multipath Fading</i> , IEEE Transactions on Communications, Dec. 1979, pp. 1854-1861
2043.	M. Nannicini, et al., <i>Temperature Controlled Predistortion Circuits for 64 QAM Microwave Power Amplifiers</i> , 1985 IEEE MTT-S Digest, pp. 99-102
2044.	A. Giavarini and F. Marconi, <i>Low Noise Microwave Integrated Receiver for 64 QAM Digital Radio</i> , 1986 16 <sup>th</sup> European Microwave Conference, pp. 168-173
2045.	F.J. Witt, et al., <i>64-QAM Digitalization of an Analogue Microwave Radio Network</i> , 1986 16 <sup>th</sup> European Microwave Conference, pp. 53-58
2046.	Kuang-Tsan Wu and Kamilo Feher, <i>256-QAM Modem Performance in Distorted Channels</i> , IEEE Transactions on Communications, May 1985, pp. 487-491
2047.	Wang, et al., <i>Exploring Legal Patent Citations for Patent Valuation</i> , Proceedings of the 23rd ACM International Conference on Conference on Information and Knowledge Management, 2014, pp. 1379-1388
2048.	Cox, <i>Using Citation Analysis to Value Patents</i> , January 2016, Financier Worldwide
2049.	<i>Ocean Tomo Patent Quality Inventor Study</i> , OCEAN TOMO, Apr. 2011
2050.	Patent Application Ser. No. 08/485,507
2051.	U.S. Patent 4,965,825
2052.	U.S. Patent 4,233,628 (“Ciciora”)
2053.	CBS Rulemaking Petition to FCC (“CBS”) (1980)
2054.	Blatt et al., “The Promise of Teletext for Hearing-Impaired Audiences,” IEEE Transactions on Consumer Electronics, Vol. CE-26:717-722 (November 1980) (“Blatt”)
2055.	U.K. Patent 1,370,535 (“Millar”)
2056.	U.S. Patent 4,306,250 (“Summers”)
2057.	Chambers, “Enhanced UK Teletext Moves Towards Still Pictures,” BBC Research Department Report BBC RD 1980/4, June 1980, reprinted in IEEE Transactions on Consumer Electronics, Vol. CE-26: 527-554 (August 1980)
2058.	U.S. Patent 4,538,174 (“Gargini”)

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