

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

PANASONIC AUTOMOTIVE SYSTEMS CO., LTD.,

Petitioner,

v.

UNM RAINFOREST INNOVATIONS,

Patent Owner.

Case IPR2024-00364

Patent No. 8,265,096 B2

**PETITION FOR *INTER PARTES* REVIEW
OF U.S. PATENT NO. 8,265,096 B2**

Claims 8, 44-47 and 49-50

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EXHIBITS

Exhibit	Description
Ex. 1001	U.S. Patent No. 8,265,096 (the “’096 patent”)
Ex. 1002	Declaration of Dr. Christopher J. Hansen, Ph.D.
Ex. 1003	U.S. Provisional App. No. 60/929
Ex. 1004	Excerpt of the ’096 Patent Prosecution History
Ex. 1005	Claim Construction Order in <i>STC.UNM v. Apple Inc.</i> , No. 1-20-cv-00351 (W.D. Tex. Apr. 9, 2020), ECF No. 69
Ex. 1006	Patent Owner’s Motion to Amend in <i>Inter Partes</i> Review No. 2021-00743
Ex. 1007	Final Written Decision in <i>Inter Partes</i> Review No. 2021-00743
Ex. 1008	IEEE 802.11-05/1102r4, “Wireless LANs Joint Proposal: High throughput extension to the 802.11 Standard: PHY” to Coffey, et al, uploaded and publicly available on Jan. 14, 2006 (“Joint Proposal”) (Appendix F to Lansford Declaration, Ex. 1015)
Ex. 1009	IEEE 802.11-05/0037r0, “Wireless LANs [Minutes of High Throughput Task Group .11n Session]” to Hillman, uploaded and publicly available on Jan. 16, 2006 (Appendix F to Lansford Declaration, Ex. 1015)
Ex. 1010	U.S. Pub. No. 2006/0072529 A1 (“Mujtaba”)
Ex. 1011	U.S. Pub. No. 2007/0204052 A1 (“Trainin”)
Ex. 1012	U.S. Pub. No. 2006/0067415 A1 (“Mujtaba II”)
Ex. 1013	U.S. Pub. No. 2006/0146867 A1 (“Lee”)
Ex. 1014	IEEE Std 802.11a-1999 Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications, ISO/IEC 8802-11:1999/Amd 1:2000(E)
Ex. 1015	Declaration of Dr. James L. Lansford, Ph.D.
Ex. 1016	U.S. Pub. No. 2005/0233709A1 (“Gardner”)
Ex. 1017	U.S. Patent No. 7,274,652 (“Webster”)
Ex. 1018	U.S. Pub. No. 2007/0104174 (“Nystrom”)
Ex. 1019	IEEE 802.11-05/786r0, “TGn Sync, WWiSE, and Mitmot Closing Report” to Mujtaba, et al., publicly available on July 21, 2005.
Ex. 1020	U.S. Pub. No. 2008/0095195A1 (“Ahmadi”)
Ex. 1021	U.S. Pub. No. 20070155387A1 (“Li”)
Ex. 1022	Patent Owner’s Complaint in <i>UNM Rainforest Innovations f/k/a STC.UNM v. Toyota Motor North America, Inc. et al</i> , 2-23-cv-00424 (E.D. Tex.)
Ex. 1023	Draft IEEE 802.16m Requirements

Ex. 1024	Work Plan for Development of IEEE P802.16m Draft Standard & IMT-Advanced Submission
Ex. 1025	Extract of ITRI's Submissions to TGn
Ex. 1026	Partial Proposal for 802.11n: ITRI Preamble Specification
Ex. 1027	ITRI's complaint in <i>Industrial Technology Research Institute v. LG Electronics, Inc. et al</i> , 2-15-cv-00552 (E.D. Tex.)
Ex. 1028	Patent Owner's Infringement Contentions in <i>UNM Rainforest Innovations f/k/a STC.UNM v. Toyota Motor North America, Inc. et al</i> , 2-23-cv-00424 (E.D. Tex.)
Ex. 1029	Exemplary Exhibit to Patent Owner's Infringement Contentions in <i>UNM Rainforest Innovations f/k/a STC.UNM v. Toyota Motor North America, Inc. et al</i> , 2-23-cv-00424 (E.D. Tex.)
Ex. 1030	Memorandum, Interim Procedure for Discretionary Denials in AIA Post-Grant Proceedings with Parallel District Court Litigation (USPTO Jun. 21, 2022) ("Interim Procedure")
Ex. 1031	Docket Control Order in <i>UNM Rainforest Innovations f/k/a STC.UNM v. Toyota Motor North America, Inc. et al</i> , 2-23-cv-00424 (E.D. Tex.)
Ex. 1032	U.S. Pub. No. 2005/0159120 ("Kim")
Ex. 1033	Yang Xiao, IEEE 802.11n: Enhancement for Higher Throughput in Wireless LANs publicly available in December 2005 ("Yang").
Ex. 1034	Extract of all documents in the Mentor website for Task Group N (TGn) with Document Control Number (DCN) 1102) (Appendix E to Ex. 1015)
Ex. 1035	IEEE 802.11-04/422r4, "New Participant Orientation", presentation submission (July 2004) (Appendix A to Ex. 1015)
Ex. 1036	U.S. Patent 7,415,074 (Appendix C to Ex. 1015)
Ex. 1037	Stephens, "802.11 'Decrypted'", ACM SIGCOMM Computer Communication Review, Vol. 35, No. 2 (April 2005) (Appendix D to Ex. 1015)
Ex. 1038	Official IEEE 802.11 Working Group Project Timelines (Appendix I to Ex. 1015)
Ex. 1039	IEEE 802.11 Future Session Plans (Appendix J to Ex. 1015)
Ex. 1040	Summary Report of the January 2006 Meeting of IEEE 802.11 (Appendix K to Ex. 1015)

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