

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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SONY INTERACTIVE ENTERTAINMENT LLC,  
Petitioner,

v.

AX WIRELESS, LLC,  
Patent Owner.

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Case IPR2025-00960  
Patent 10,917,272

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**JOINT MOTION TO TERMINATE PROCEEDING  
UNDER 35 U.S.C. § 317 AND 37 C.F.R. § 42.72**

### EXHIBIT LIST

Exhibit	Reference
SONY-1001	U.S. Patent 10,917,272 (the '272 patent)
SONY-1002	File History of the '272 patent
SONY-1003	Declaration of Thomas LaPorta, Ph.D. dated May 16, 2025, in Support of <i>Inter Partes</i> Review Proceeding No. IPR2025-00960 of U.S. Patent 10,079,272
SONY-1004	Curriculum Vitae of Dr. Thomas LaPorta
SONY-1005	U.S. Patent Publication 2006/0182017 to Hansen, et al (“Hansen”)
SONY-1006	IEEE 802.11-05/0149r5, “WWiSE Proposal: High Throughput Extension to the 802.11 Standard” to Kose, et al, uploaded and publicly available on July 9, 2005 (“July 2005 WWiSE”)
SONY-1007	Declaration of James L. Lansford, Ph.D. dated May 17, 2025, in Support of <i>Inter Partes</i> Review Proceeding No. IPR2025-00960 of U.S. Patent 10,079,272
SONY-1008	U.S. Patent Publication 2005/0243774 to Choi, et al (“Choi”)
SONY-1009	U.S. Provisional Application 61/235,909 (“the '272 Provisional”)
SONY-1010	U.S. Patent 8,737,189 to Hansen, et al (“Hansen Patent”)
SONY-1011	U.S. Provisional Application 60/653,429 (“Hansen Provisional”)
SONY-1012	IEEE 802.11-04/0889r3, “TGn Sync Proposal Technical Specification” to Mujtaba, uploaded and publicly available on January 2005
SONY-1013	IEEE 802.11-04/0886r6, “WWiSE Proposal: High Throughput Extension to the 802.11 Standard” to Hansen, et al, uploaded and publicly available on January 6, 2005 (“January 2005 WWiSE”)
SONY-1014	U.S. Patent Publication 2007/0115802 to Yu (“Yu”)
SONY-1015	IEEE Std. 802.11a-1999, “Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: High-Speed Physical Layer in the 5 GHz Band”, approved September 16, 1999 (“802.11a”)

Exhibit	Reference
SONY-1016	Declaration of David Ringle for 802.11a-1999 - IEEE Standard for Telecommunications and Information Exchange Between Systems – LAN/MAN Specific Requirements - Part 11: Wireless Medium Access Control (MAC) and physical layer (PHY) specifications: High-Speed Physical Layer in the 5 GHz Band, date of publication December 30, 1999
SONY-1017	IEEE Std. 802.11n-2009, “Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Amendment 5: Enhancements for Higher Throughput” (“802.11n”)
SONY-1018	Editor for G.9960, “ITU-T Recommendation G.9960 Next Generation Wire-line Based Home Networking Transceivers-Foundation”, ITU-T SG15/Q4, January 2009, as filed in file wrapper of the ’272 patent
SONY-1019	Intellon Corporation, “G.hn: Extended PHY frame header,” ITU-T SG15/Q4, 09XC-119, Xian, China, July 2009, as filed in file wrapper of the ’272 patent
SONY-1020	CopperGate Communication, “G.hn: Using Two Symbols for the Header of a PHY frame on Coax,” ITU-T SG15/Q4, 09XC-100, Xian, China July 2009, as filed in file wrapper of the ’272 patent
SONY-1021	Lörincz, et al, “Physical Layer Analysis of Emerging IEEE 802.11n WLAN Standard”, 8th International Conference Advanced Communication Technology (February 20-22, 2006); added to IEEE <i>Xplore</i> May 8, 2006
SONY-1022	Van Nee, et al., “OFDM for Wireless Multimedia Communications”, Artech House Publishers (2000)
SONY-1023	Bahai, et al., “Multi-Carrier Digital Communications Theory and Applications of OFDM”, Springer (2004)
SONY-1024	Tse, et al., “Fundamentals of Wireless Communication”, Cambridge University (2005)
SONY-1025	Heiskala, et al., “OFDM Wireless LANs: A Theoretical and Practical Guide”, Sams Publishing (2002)
SONY-1026	RESERVED

Exhibit	Reference
SONY-1027	Cox, “Stage Set for Compromise on IEEE High-Speed Wireless”, Network World (March 21, 2005)
SONY-1028	Reardon, “New Wi-Fi Standard Takes the Slow Road”, CNET (May 20, 2005)
SONY-1029	Mujtaba, et al., IEEE 802.11-05/786r0, “TGn Sync, WWiSE, and Mitmot Closing Report”, presentation submission, submitted and publicly available on July 21, 2005.
SONY-1030	Coffey, IEEE 802.11-05/0737r0, “WWiSE IEEE 802.11n Proposal”, presentation submission, submitted and publicly available on July 9, 2005
SONY-1031	Gast, “802.11 Wireless Networks: The Definitive Guide”, O’Reilly (2002)
SONY-1032	Infringement Contentions with Appendices served in <i>AX Wireless LLC v. Dell Inc. et al.</i> , and <i>AX Wireless LLC v. HP Inc.</i> , U.S. District Court Eastern District of Texas, Case Numbers 2:22-cv-00277 and 2:22-cv-00279, November 3, 2022
SONY-1033	U.S. Patent 7,415,074 (Appendix C to Lansford Declaration dated May 17, 2025, SONY-1007)
SONY-1034	Stephens, “802.11 ‘Decrypted’”, ACM SIGCOMM Computer Communication Review, Vol. 35, No. 2 (April 2005) (Appendix D to Lansford Declaration dated May 17, 2025, SONY-1007)
SONY-1035	Kay, “Sidebar: The Battle for 11n”, ComputerWorld (March 13, 2006)
SONY-1036	“‘WWiSE’ Consortium, Motorola Team on Proposal for IEEE 802.11n”, Wireless Design Online (February 24, 2005)
SONY-1037	WWiSE Industry Organization Press Release, “‘WWiSE’ Consortium and Motorola Team to Offer Enhanced Proposal for IEEE 802.11n” (February 24, 2005); <i>archived</i> on April 6, 2005 at <a href="https://web.archive.org/web/20050406073808/http://www.wwise.org/pressreleasefeb23.htm">https://web.archive.org/web/20050406073808/http://www.wwise.org/pressreleasefeb23.htm</a> .

Exhibit	Reference
SONY-1038	IEEE 802.11-04/422r4, “New Participant Orientation”, presentation submission (July 2004) (Appendix A to Lansford Declaration dated May 17, 2025, SONY-1007)
SONY-1039	IEEE 802.11-04/736r1, “Approved Minutes of the IEEE P802.11 Full Working Group”, Minutes (July 2004) (Appendix B to Lansford Declaration dated May 17, 2025, SONY-1007)
SONY-1040	O’Hara, The IEEE 802.11 Handbook, Standards Information Network, IEEE Press, 1999
SONY-1041	Strom, “An overview of the IEEE 802.11 standard's evolution,” EE Times (Oct. 31, 2006)
SONY-1042	RESERVED
SONY-1043	RESERVED
SONY-1044	RESERVED
SONY-1045	Transcript of Christopher Hansen Ph.D. Conducted on November 29, 2023
SONY-1046	Declaration of Matthew Hindman in IPR2023-01139 executed on March 12, 2024
SONY-1047	August 6, 2025 SONY Stipulation
SONY-1048	Business Confidential Settlement and License Agreements

Pursuant to 35 U.S.C. § 317 and 37 C.F.R. § 42.72, Petitioner, Sony Interactive Entertainment LLC, and Patent Owner, AX Wireless, LLC (collectively the “Parties”), hereby jointly move for an order terminating the present *inter partes* review, pursuant to the confidential settlement and patent license agreements dated September 25, 2025, entered into by the Parties.

The Board authorized the filing of the instant motion in an email dated September 29, 2025. This motion is being filed prior to a decision on the petition and is accompanied by a confidential copy of the settlement and patent license agreements between the Parties.

This IPR Proceeding relates to a petition for *inter partes* review filed May 30, 2025, directed to U.S. Patent No. 10,917,272 (the “272 patent”), but which has not yet reached a decision on institution.

The Parties have settled their dispute, and pursuant to 35 U.S.C. § 317(b) and 37 C.F.R. § 42.74(b), the Parties’ settlement and patent license agreements are in writing, and true and correct copies are being filed concurrently herewith as Exhibit 1048. The Parties also are filing concurrently herewith a motion under 35 U.S.C. § 317(b) and 37 C.F.R. § 42.74(c) to seal and to treat the furnished version of the settlement and patent license agreements as business confidential information to be kept separate from the files of the involved patent.

The settlement and patent license agreements are in writing and constitute the Parties' entire understanding and agreement. The Parties further certify that there are no other collateral agreements or understandings made in connection with, or in contemplation of, the termination of the present *inter partes* review.

As stated in 35 U.S.C. § 317(a), because Petitioner and Patent Owner jointly request this termination, no estoppel under 35 U.S.C. § 315(e) shall attach to Petitioner.

Termination is proper under 35 U.S.C. § 317(a) because the Parties are jointly requesting termination, and the Office has not yet “decided the merits of the proceeding before the request for termination is filed.” Indeed, in this IPR Proceeding, no decision on the merits has been made, and no decision instituting trial has been entered. No other petitioners remain in this *inter partes* review, and no Final Written Decision on the merits has been entered. For at least these reasons, termination of the *inter partes* review is proper under 35 U.S.C. § 317(a) and 37 C.F.R. §42.74(a).

Moreover, as noted in the Patent Office Trial Practice Guidelines, “there are strong public policy reasons to favor settlement between the parties to a proceeding...The Board expects that a proceeding will terminate after the filing of

a settlement agreement, unless the Board has already decided the merits of the proceeding. 35 U.S.C. 317(a), as amended, and 35 U.S.C. 327.”<sup>1</sup>

Termination of the proceeding is a just and fair resolution. The Parties agree that neither Party will be prejudiced by the termination of this proceeding. Finally, the Parties will benefit from preserving resources that would otherwise be expended if this motion is denied. For at least the foregoing reasons, the Parties jointly request termination of IPR2025-00960.

Respectfully submitted,

Date: October 9, 2025

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For Petitioner, Sony Interactive  
Entertainment LLC

Date: October 9, 2025

/Jason M. Shapiro/  
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For Patent Owner, AX Wireless, LLC

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<sup>1</sup> See Federal Register Vol. 77, No. 157 at 48768.

**CERTIFICATE OF SERVICE**

Pursuant to 37 CFR § 42.6(e), the undersigned certifies that on October 9, 2025, a complete and entire copy of this Joint Motion to Terminate was provided via email to the Patent Owner by serving the email correspondence addresses of record as follows:

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