UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

COMCAST CABLE COMMUNICATIONS, LLC,
Petitioner,

v.

ENTROPIC COMMUNICATIONS, LLC,
Patent Owner.

Case IPR2025-00180
Patent 11,785,275

JOINT MOTION TO TERMINATE INTER PARTES REVIEW

EXHIBITS

Previously Filed:

Ex. 1001:	U.S. Patent No. 11,785,275 ("the '275 patent")
Ex. 1002:	Expert Declaration of David B. Lett
Ex. 1003:	Curriculum Vitae of David B. Lett
Ex. 1004:	Certified Prosecution History of the '275 patent
Ex. 1005:	Certified Prosecution History of U.S. Patent No. 11,490,152 ("the parent")
Ex. 1006:	Reserved
Ex. 1007:	Certified Prosecution History of U.S. Provisional App. No. 61/170,526 ("'526 provisional")
Exs. 1008-1012:	Reserved
Ex. 1013:	U.S. Pub. No. 2003/0056221 ("Zhang")
Ex. 1014:	U.S. Patent No. 7,237,214 ("Pandey")
Ex. 1015:	Excerpts of "IEEE Std 100-2000, The Authoritative Dictionary of IEEE Standards Terms, Seventh Edition" (IEEE Press. 2000) ("IEEE Std 100")
Ex. 1016:	Excerpts of Jan M Rabaey, "Digital Integrated Circuits: A Design Perspective" (Pearson, 2nd ed. 2002) ("Rabaey")
Ex. 1017:	A. P. Chandrakasan, "Ultra low power digital signal processing," Proceedings of 9th International Conference on VLSI Design, Bangalore, India, 1996, pp. 352-357 ("Chandrakasan")
Ex. 1018:	S. Mirabbasi and K. Martin, "Classical and Modern Receiver Architectures," IEEE Communications Magazine, vol. 38, no. 11, pp. 132-139, November 2000 ("Mirabbasi")
Ex. 1019:	U.S. Patent No. 6,061,406 ("Carson")

Ex. 1020:	Reserved
Ex. 1021:	Data-Over-Cable Service Interface Specifications, DOCSIS 2.0, Radio Frequency Interface Specification, CM-SP-RFIv2.0-I11-060602
Exs. 1022-1024:	Reserved
Ex. 1025:	J. Crols and M. S. J. Steyaert, "Low-IF topologies for high-performance analog front ends of fully integrated receivers," IEEE Transactions on Circuits and Systems II: Analog and Digital Signal Processing, vol. 45, no. 3, pp. 269-282, March 1998 ("Crols")
Ex. 1026:	Reserved
Ex. 1027:	U.S. Patents and Patent Applications Family Tree for the '275 patent
Exs. 1028-1032:	Reserved
Ex. 1033:	Excerpts of W. Ciciora, J. Farmer, D. Large, and M. Adams, "Modern Cable Television Technology: Video, Voice, and Data Communications" (2nd ed. 2004) ("Ciciora")
Ex. 1034:	Excerpts of J. Crols and M. Steyaert, "CMOS Wireless Transceiver Design" (1997)
Ex. 1035:	U.S. Patent No. 7,340,230 ("Khoini-Poorfard")
Ex. 1036:	U.S. Pub. No. 2003/0217362 ("Summers")
Ex. 1037:	U.S. Pub. No. 2006/0256799 ("Eng")
Ex. 1038:	U.S. Pub. No. 2006/0083335 ("Seendripu")
Ex. 1039:	Excerpts of Chris Bowick, "RF Circuit Design" (2nd ed. 2008)
Ex. 1040:	Reserved

Ex. 1041:	Excerpts of Roland Priemer, "Introductory Signal Processing" (1991)
Ex. 1042:	U.S. Patent No. 7,272,375 ("Tuttle")
Ex. 1043:	U.S. Patent No. 7,130,576 ("Gurantz")
Ex. 1044:	U.S. Patent No. 5,278,837 ("Kelley")
Ex. 1045:	Jeffrey Hugh Reed, "Software Radio: A Modern Approach to Radio Engineering" (2002)
Ex. 1046:	U.S. Patent No. 7,213,042 ("Cannon")
Ex. 1047:	Reserved
Ex. 1048:	Excerpts of William Buchanan, "Computer Busses" (2000) ("Buchanan")
Ex. 1049:	U.S. Patent No. 7,079,528 ("Ziegler")
Ex. 1050:	Excerpts of "Software Defined Radio: Enabling Technologies" (Walter H.W. Tuttlebee ed., 2003)
Ex. 1051:	U.S. Pub. No. 2005/0183015 ("Dunton")
Exs. 1052-1072:	Reserved
Ex. 1073:	Expert Declaration of Dr. Sylvia Hall-Ellis
Ex. 1074:	Reserved
Ex. 1075:	U.S. Patent No. 6,791,995 ("Azenkot")
Ex. 1076:	U.S. Patent No. 6,542,203 ("Shadwell")
Ex. 1077:	International Publication No. WO 2004/059933 ("Zhang '933")
Ex. 1078:	U.S. Pub. No. 2004/0250284 ("Dong")
Ex. 1079:	U.S. Patent No. 3,968,444 ("Tenny")

Previously Served (Not Filed):

Ex. 1080: Supplemental Expert Declaration of Dr. Sylvia Hall-Ellis

Previously Filed:

Ex. 1081: Reserved

Ex. 1082: April 1, 2025 *Ex Parte* Reexamination Certificate and February 10, 2025 Notice of Intent to Issue *Ex Parte* Reexamination Certificate; Reexamination No. 90/019,255 re US 9,210,362

Ex. 1083: Complaint, *Entropic Communications, LLC v. Comcast Corporation, et al.*, 2:25-cv-07969-JWH-KES (C.D. Cal. Aug. 23, 2025)

Ex. 1084: Joint Claim Construction and Pre-Hearing Statement, *Entropic Communications, LLC v. Cox Communications, Inc., et al.*, 2:23-cv-01049-JWH-KES (C.D. Cal. Apr. 19, 2024)

Ex. 1085: Reply Declaration of David B. Lett

Ex. 1086: United States Frequency Allocations, The Radio Spectrum, U.S. Department of Commerce, National Telecommunications and Information Administration, October 2003

Ex. 1087: Excerpts from *Entropic Communications, LLC v. Comcast Corp. et al.*, No. 2:23-cv-01050 (C.D. Cal.), Document 128-20 (Exhibit 20 of Entropic's Second Amended Complaint – Entropic's infringement chart for the '275 patent)

Ex. 1088: The American Heritage College Dictionary, fourth edition, 2002, excerpt including definition of "select"

Ex. 1089: Transcript of Deposition of Dr. Russ

Ex. 1090: Final Written Decision (Paper 45) in IPR2024-00432 finding all claims of U.S. Patent No. 9,210,362 ("the '362 patent") unpatentable

Ex. 1091: Final Written Decision (Paper 45) in IPR2024-00435 finding all claims of U.S. Patent No. 11,381,866 ("the '866 patent") unpatentable

Ex. 1092: Final Written Decision (Paper 46) in IPR2024-00438 finding all claims of U.S. Patent No. 11,399,206 ("the '206 patent") unpatentable

Ex. 1093: Transcript of Oral Hearing held on July 18, 2025 for IPR2024-00432, IPR2024-00435, and IPR2024-00438

Ex. 1094: U.S. Patent No. 11,399,206 ("the '206 patent")

Ex. 1095: Second Supplemental Expert Declaration of Dr. Sylvia Hall-Ellis

Ex. 1096: Petitioner's Demonstratives

Filed Herewith:

Ex. 1097: BUSINESS CONFIDENTIAL Settlement Agreement

Pursuant to 35 U.S.C. § 317(b), 37 C.F.R. § 42.74(c), and the authorization provided by the Board in its February 2, 2026 email, Petitioner Comcast Cable Communications, LLC ("Petitioner") and Patent Owner Entropic Communications, LLC ("Patent Owner") (collectively, the "Parties") jointly request termination of this proceeding, IPR2025-00180, directed to U.S. Patent No. 11,785,275 ("the '275 patent").

The Parties have entered into a settlement agreement that resolves all underlying disputes between Petitioner and Patent Owner with respect to the '275 patent. Based on the agreement, the Parties hereby request termination of this IPR.

Termination is proper for at least the following reasons:

- The Board has not yet "decided the merits of the proceeding ***before the request for termination is filed***." 35 U.S.C. § 317(a) (emphasis added); 77 Fed. Reg. at 48768 ("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."). Here, no final decision at trial has been entered. This supports the propriety of terminating this proceeding. 77 Fed. Reg. 48680, 48686 (Aug. 14, 2012). And 35 U.S.C. § 317(a) provides that "[a]n inter partes review instituted under this chapter shall be terminated with respect to any petitioner upon the joint

request of the petitioner and the patent owner, unless the Office has decided the merits of the proceeding before the request for termination is filed."

- The Parties are jointly requesting termination. 77 Fed. Reg. 48756, 48768 (Aug. 14, 2012) ("There are strong public policy reasons to favor settlement between the parties to a proceeding").
- The pending related district court litigations between the Parties regarding the '275 Patent are *Entropic Communications, LLC v. Comcast Corporation et al.*, No. 2-23-cv-01050 (C.D. Cal.) and *Entropic Communications, LLC v. Comcast Corporation et al.*, No. 2-25-cv-07969 (C.D. Cal.) ("the District Court Actions"), as noted in both Parties' Mandatory Notices. Pursuant to the settlement agreement, the Parties have fully resolved their disputes regarding the '275 Patent, and stipulations of dismissal with prejudice have been filed in the District Court Actions. Based on the above, the Parties do not anticipate any further litigation or proceeding between the Parties involving the '275 Patent.
- The parties certify that there are no collateral agreements or understandings made in connection with, or in contemplation of, the termination of the inter partes review other than the settlement

that the parties have filed with this motion.

- The following list identifies pending district court litigations that involve the ’275 Patent, but do not involve the Petitioner in the instant *inter partes* review proceeding:
    - *Entropic Communications, LLC v. Cox Communications, Inc. et al.,* 2:23-cv-01049-JWH-KES (C.D. Cal.);
    - *Entropic Communications, LLC v. Vantiva SA,* 2:24-cv-00912-RWS-RSP (E.D. Tex.); and
    - *Entropic Communications, LLC v. Sagemcom Broadband SAS,* 2:25-cv-00379-RWS-RSP (E.D. Tex.).
- The Parties are unaware of any other pending related proceedings regarding the ’275 Patent before the Board, or any other matter before the USPTO that would be affected by the requested termination of this proceeding.
- Terminations, forgoing a Final Written Decision, have long been granted even if oral argument had already taken place before the Board. *See Callidus Software Inc. v. Versata Software*, CBM2013-00052, Paper 50 (Nov. 24, 2014) (terminating proceeding after oral argument); *Clio USA, Inc. v. Procter & Gamble Co.*, IPR2013-00438, Paper 57 (Oct. 31, 2014) (same); *Volusion, Inc.*

v. Versata Software, CBM2013-00017, Paper 53 (June 17, 2014) and CBM2013-00018, Paper 52 (June 17, 2014) (same).

With this joint motion, the Parties concurrently submit: (1) a true copy of the settlement agreement (Exhibit 1097) between the Parties made in connection with, or in contemplation of, the requested termination of the proceeding under 35 U.S.C. § 317(b) and 37 C.F.R. § 42.74(b); and (2) a joint request to treat the settlement agreement as business confidential information and keep the settlement agreement (Exhibit 1097) separate from the file of the involved patent, pursuant to 37 C.F.R. § 42.74(c). There are no other agreements, oral or written, between the Parties made in connection with, or in contemplation of, the termination of this proceeding.

This joint motion is being filed by the Petitioner, with the consent of the Patent Owner.

Dated: February 4, 2026

Respectfully submitted

/Frederic M. Meeker/

Frederic M. Meeker
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Dated: February 4, 2026

Respectfully submitted

/Parham Hendifar/

Parham Hendifar
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CERTIFICATE OF SERVICE

Pursuant to 37 C.F.R. § 42.105, I hereby certify that I caused a true and correct copy of this **JOINT MOTION TO TERMINATE INTER PARTES REVIEW** in connection with IPR2025-00180 to be served via e-mail on February 4, 2026, in its entirety on the following counsel of record for Patent Owner:

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Dated: February 4, 2026 By: /Carlos Goldie/

Carlos Goldie