

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS,
Petitioner,

v.

FRACTUS, S.A.,
Patent Owner.

Case IPR2026-00196
U.S. Patent No. 11,031,677

JOINT MOTION TO TERMINATE

EXHIBIT LIST

Exhibit	Description
1001	U.S. Patent No. 11,031,677
1002	Prosecution History of U.S. Patent No. 11,031,677
1003	U.S. Patent No. 11,349,200
1004	Prosecution History of U.S. Patent No. 11,349,200
1005	U.S. Patent No. 12,095,149
1006	Prosecution History of U.S. Patent No. 12,095,149
1007	Declaration of Daniel van der Weide, Ph.D.
1008	Curriculum Vitae of Daniel van der Weide, Ph.D.
1009	P. Ciais, R. Staraj, G. Kossiavas, and C. Luxey. "Design of an Internal Quad-Band Antenna for Mobile Phones," <i>IEEE Microwave and Wireless Components Letters</i> , vol. 14, no. 4, pp. 148-150, April 2004 ("Ciais-Quadband").
1010	P. Ciais, R. Staraj, G. Kossiavas, and C. Luxey. "Compact Internal Multiband Antenna for Mobile Phone and WLAN Standards," <i>Electronics Letters</i> , vol. 40, no. 15, pp. 920-921, July 2004 ("Ciais-Multiband")
1011	X. Jing, Z. Du, and K. Gong. "Compact Planar Monopole Antenna for Multi-band Mobile Phones," in <i>2005 Asia-Pacific Microwave Conference Proceedings</i> , vol. 4, pp. 2657-2660, IEEE, 2005 ("Jing").
1012	H. Nakano, Y. Sato, H. Mimaki and J. Yamauchi. "An Inverted FL Antenna for Dual-Frequency Operation," <i>IEEE Transactions on Antennas and Propagation</i> , vol. 53, no. 8, pp. 2417-2421, Aug. 2005 ("Nakano")
1013	U.S. Patent App. Pub. No. 2007/0200773 ("Dou")
1014	Declaration of James L. Mullins, Ph.D.

Exhibit	Description
1015	Curriculum Vitae of James L. Mullins, Ph.D.
1016	Plaintiff's Disclosure of Asserted Claims and Infringement Contentions Against Geotab Pursuant to Local Patent Rules 3-1 and 3-2, <i>Fractus, S.A., v. Geotab Inc.</i> , No. 2:24-cv-01008 (E.D. Tex.), served March 12, 2025
1017	D.I. 75, Fractus's Opening Claim Construction Brief, <i>Fractus, S.A. v. ADT LLC</i> , No. 2:22-cv-00412 (E.D. Tex. Nov. 16, 2023)
1018	D.I. 75-1, Exhibit 1 to D.I. 75, Fractus's Opening Claim Construction Brief, <i>Fractus, S.A. v. ADT LLC</i> , No. 2:22-cv-00412 (E.D. Tex. Nov. 16, 2023)
1019	D.I. 92, Joint Claim Construction Chart, <i>Fractus, S.A. v. ADT LLC</i> , No. 2:22-cv-00412 (E.D. Tex. Jan. 4, 2024)
1020	D.I. 115, Claim Construction Order, <i>Fractus, S.A. v. ADT LLC</i> , No. 2:22-cv-00412 (E.D. Tex. Feb. 25, 2024) (Payne, M.J.)
1021	D.I. 127, Order, <i>Fractus, S.A. v. ADT LLC</i> , No. 2:22-cv-00412 (E.D. Tex. Mar. 15, 2024) (Gilstrap, D.J.)
1022	D.I. 82, Defendants ADT LLC and Vivint, Inc.'s Responsive Claim Construction Brief, <i>Fractus, S.A. v. ADT LLC</i> , No. 2:22-cv-00412 (E.D. Tex. Dec. 14, 2023)
1023	D.I. 253, Order, <i>Fractus, S.A. v. ADT LLC</i> , No. 2:22-cv-00412 (E.D. Tex. Oct. 4, 2024) (Gilstrap, D.J.)
1024	D.I. 1, Complaint, <i>Fractus, S.A., v. Geotab Inc.</i> , No. 2:24-cv-01008 (E.D. Tex. Dec. 6, 2024)
1025	3GPP TS 36.101 v8.4.0 (2008-12) Technical Specification: 3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (Release 8), 2008

Exhibit	Description
1026	Ericsson white paper, “LTE—an introduction,” no. 284 23-3124 Uen Rev B (June 2009)
1027	Declaration of Gordon MacPherson
1028	’677 patent Claim Limitation Comparison Chart
1029	U.S. Patent Publication No. 2006/0214857 (“Ollikainen”)
1030	ETSI TS 145 005 V4.3.0 (2001-14) Technical Specification: Digital cellular telecommunications system (Phase 2+); Radio transmission and reception (3GPP TS 45.005 version 4.3.0 Release 4)
1031	ZigBee Specification (Jun. 27, 2005)
1032	ETSI TS 125 308 V6.2.0 (2004-09) Technical Specification: Universal Mobile Telecommunications System (UMTS); UTRA High Speed Downlink Packet Access (HSDPA); Overall description; Stage 2 (3GPP TS 25.308 version 6.2.0 Release 6)
1033	ETSI TS 125 101 V6.5.0 (2004-09) Technical Specification: Universal Mobile Telecommunications System (UMTS); User Equipment (UE) radio transmission and reception (FDD) (3GPP TS 25.101 version 6.5.0 Release 6)
1034	ETSI TS 125 102 V6.0.0 (2003-12) Technical Specification: Universal Mobile Telecommunications System (UMTS); User Equipment (UE) radio transmission and reception (TDD) (3GPP TS 25.102 version 6.0.0 Release 6)
1035	ETSI TS 121 101 V6.0.0 (2004-12) Technical Specification: Universal Mobile Telecommunications System (UMTS); Technical Specifications and Technical Reports for a UTRAN-based 3GPP system (3GPP TS 21.101 version 6.0.0 Release 6)
1036	3GPP TR 23.882 V1.2.3 (2006-06) Technical Report: 3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; 3GPP System Architecture Evolution: Report on Technical Options and Conclusions (Release 7)

Exhibit	Description
1037	3GPP TR 23.882 V1.6.1 (2006-11) Technical Report: 3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; 3GPP System Architecture Evolution: Report on Technical Options and Conclusions (Release 7)
1038	3GPP TR 23.882 V1.8.0 (2007-02) Technical Report: 3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; 3GPP System Architecture Evolution: Report on Technical Options and Conclusions (Release 7)
1039	pages from E. Dahlman et al., <i>3G Evolution: HSPA and LTE for Mobile Broadband</i> (Academic Press 2d ed. 2008)
1040	U.S. Patent Publication No. 2008/0018543 (Baliarda-543)
1041	U.S. Department of State, <i>United States Delegation Report: World Radiotelecommunications Conference 2007</i> (2007), available at https://2001-2009.state.gov/documents/organization/108955.pdf (visited May 19, 2025)
1042	IEEE Std. 802.11a-1999, Supplement to the IEEE Standard for Information Technology—Telecommunications and information exchange between systems—Local and metropolitan area networks—Specific requirements— Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: High-speed Physical Layer in the 5 GHz Band (Dec. 30, 1999)
1043	IEEE Std. 802.11b-1999, Supplement to the IEEE Standard for Information Technology—Telecommunications and information exchange between systems—Local and metropolitan area networks—Specific requirements— Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: Higher-Speed Physical Layer Extension in the 2.4 GHz Band (Jan. 20, 2000)
1044	Specification of the Bluetooth System version 2.0, volume 2 (issued Nov. 4, 2004)

Exhibit	Description
1045	Second Report and Order, <i>In re Service Rules for the 698-746, 747-762 and 777-792 MHz Bands</i> (WT Docket No. 06-150); Revision of the Commission's Rules to Ensure Compatibility with Enhanced 911 Emergency Calling Systems (CC Docket No. 94-102); Section 68.4(a) of the Commission's Rules Governing Hearing Aid-Compatible Telephones (WT Docket No. 01-309); Biennial Regulatory Review—Amendment of Parts 1, 22, 24, 27, and 90 to Streamline and Harmonize Various Rules Affecting Wireless Radio Services (WT Docket No. 03-264); Former Nextel Communications, Inc. Upper 700 MHz Guard Band Licenses and Revisions to Part 27 of the Commission's Rules (WT Docket No. 06-169); Implementing a Nationwide, Broadband, Interoperable Public Safety Network in the 700 MHz Band (PS Docket No. 06-229); Development of Operational, Technical and Spectrum Requirements for Meeting Federal, State and Local Public Safety Communications Requirements Through the Year 2010 (WT Docket No. 96-86); Declaratory Ruling on Reporting Requirement under Commission's Part 1 Anti-Collusion Rule (WT Docket No. 07-166), FCC 07-132 (Jul. 31, 2007), available at https://docs.fcc.gov/public/attachments/FCC-07-132A1.pdf (visited May 21, 2025)
1046	ITU, Report ITU-R M.2134-0: Requirements related to technical performance for IMT-Advanced radio interface(s) (2008), available at https://www.itu.int/pub/R-REP-M.2134-2008/en (visited May 22, 2025)
1047	Chart 45 to EX1016
1048	Chart 44 to EX1016
1049	(CONFIDENTIAL) Settlement Agreement

The Parties in this case have reached a settlement that addresses this proceeding. The Parties therefore contacted the Board on March 18, 2026, to inform the Board of the settlement and request authorization to file this paper. In accordance with the Director's instructions received on March 18, 2026, the Parties hereby jointly submit this motion to terminate. The Parties respectfully request that the Board terminate this proceeding with respect to Petitioner and in total under 35 U.S.C. § 317(a).

Pursuant to 35 U.S.C. § 317(b) and 37 C.F.R. § 42.74, the Parties have concurrently filed the Settlement Agreement as Exhibit 1049. The Parties state that there are no other agreements, oral or written, between the Parties made in connection with, or in contemplation of, the termination of the proceeding. The Parties have concurrently filed a joint request to treat the Settlement Agreement as confidential business information pursuant to 37 C.F.R. § 42.74(c), consistent with the provisions of the Agreement. Accordingly, termination of the present proceeding is appropriate.

Pursuant to the guidance provided in *Heartland Tanning, Inc. v. Sunless, Inc.*, IPR2014-00018, Paper 26 at 2 (July 28, 2014), the Parties provide the following description of the status of related proceedings:

- *Fractus, S.A. v. Geotab Inc.*, No. 2:24-cv-01008 (E.D. Tex.) which has been consolidated with *Fractus, S.A. v. Verizon Connect Inc. et al.*, No.

2:24-cv-01009 (E.D. Tex.): The parties to this litigation have noticed settlement between the plaintiff and the Verizon defendants and the court has stayed all deadlines related to the Verizon defendants. The litigation proceeds with respect to the Geotab defendants.

- *Fractus, S.A. v. ResMed Inc. et al.*, No. 3:25-cv-02680 (S.D. Cal.): This litigation proceeds unaffected by the termination of this proceeding.
- *Geotab Inc. v. Fractus, S.A.*, IPR2025-01026: This *inter partes* review has been instituted and will proceed unaffected of the termination of this proceeding.
- *Resmed Corp. v. Fractus, S.A.*, IPR2026-00191: This *inter partes* review is awaiting discretionary denial, joinder and institution decisions.

In view of the foregoing, the Parties request that the Board grant this Joint Motion to Terminate the above-captioned *inter partes* review.

Respectfully submitted,

Dated March 23, 2026

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CERTIFICATE OF SERVICE

Pursuant to 37 C.F.R. § 42.71(a), the undersigned certifies that on this date a complete and entire copy of this “JOINT MOTION TO TERMINATE” was served on all counsel of record by electronic mail, as follows:

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Dated: March 23, 2026

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