

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC.
Petitioner

v.

APEX BEAM TECHNOLOGIES LLC,
Patent Owner

Case IPR2025-00904
Patent 11,626,904

PETITIONER'S UPDATED LIST OF EXHIBITS

LIST OF EXHIBITS

- EX1001 U.S. Patent No. 11,626,904
- EX1002 U.S. Patent No. 11,626,904 File History
- EX1003 Declaration of Dr. Robert Akl
- EX1004 U.S. Patent Application Publication No. 2015/0036612 to Kim (“Kim”)
- EX1005 International Publication WO2015/131494 to Chen
- EX1006 Certified English translation of International Publication WO2015/131494 to Chen (“Chen”)
- EX1007 U.S. Patent No. 10,951,271 File History
- EX1008 Farhana Afroz et al., *SINR, RSRP, RSSI and RSRQ Measurements in Long Term Evolution Networks*, International Journal of Wireless & Mobile Networks (IJWMN), Vol. 7, No. 4, pp. 113-123 (Aug. 2015) (“Afroz”)
- EX1009 International Publication WO2016/126099 A1 to Park et al.
- EX1010 Certified English translation of International Publication WO2016/126099 A1 to Park et al. (“Park”)
- EX1011 International Publication WO2016/015307 A1 to Liu et al.
- EX1012 Certified English translation of International Publication WO2016/015307 A1 to Liu et al. (“Liu”)

- EX1013 Excerpts from Stefania Sesia et al., *LTE – The UMTS Long Term Evolution from Theory to Practice* (John Wiley & Sons, Ltd. 2d ed. 2011) (“Sesia LTE”)
- EX1014 US Patent Application Publication No. 2016/0218778A1 to Ng et al (“Ng”)
- EX1015 3GPP TS 36.133 v13.2.0 (“Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (Release 13)”) (Jan. 2016)
- EX1016 U.S. Patent Application Publication No. 2013/0308608 A1 to Hu et al. (“Hu”)
- EX1017 U.S. Patent Application Publication No. 2011/0038330 A1 to Luo et al. (“Luo”)
- EX1018 U.S. Patent Application Publication No. 2011/0176519 A1 to Vitthaladevuni et al. (“Vitthaladevuni”)
- EX1019 3GPP TS 36.211 v13.0.0 (“Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical channels and modulation (Release 13)”) (Dec. 2015)
- EX1020 3GPP TS 36.212 v13.0.0 (“Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA); Multiplexing and channel coding (Release 13)”) (Dec. 2015)
- EX1021 3GPP TS 36.213 v13.0.0 (“Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer procedures (Release 13)”) (Dec. 2015)
- EX1022 3GPP TS 36.214 v13.0.0 (“Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-

UTRA); Physical layer; Measurements (Release 13)”) (Dec. 2015)

- EX1023 3GPP TS 36.331 v13.0.0 (“Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC); Protocol specification (Release 13)”) (Dec. 2015)
- EX1024 US Patent Application Publication No. US 2016/0142189A1 to Shin et al (“Shin”)
- EX1025 3GPP Declaration of Friedhelm Rodermund
- EX1026 Original complaint filed in *Apex Beam Technologies LLC v. Apple Inc.*, Case No. 6-24-cv-00223 (WDTX) (April 29, 2024)
- EX1027 Amended Complaint filed in *Apex Beam Technologies LLC v. Apple Inc.*, Case No. 6-24-cv-00223-ADA-DIG (WDTX) (May 2, 2024)
- EX1028 Proof of Service of Amended Complaint in *Apex Beam Technologies LLC v. Apple Inc.*, Case No. 6-24-cv-00223-ADA-DIG (WDTX) (May 14, 2024).
- EX1029 IPR2023-00571, Paper 10 (Institution Decision)
- EX1030 IPR2023-00747, Paper 10 (Institution Decision)
- EX1031 Apple Inc.’s Sotera Stipulation

Respectfully submitted,

Date: July 3, 2025

/Thomas A. Rozylowicz/
W. Karl Renner, Reg. No. 41,265
Yao Wang, Reg. No. 61,757
Thomas A. Rozylowicz, Reg. No. 50,620
Craig A. Deutsch, Reg. No. 69,264
Fish & Richardson P.C.
60 South Sixth Street, Suite 3200
Minneapolis, MN 55402
T: 202-783-5070
F: 877-769-7945

Counsel for Petitioner

CERTIFICATE OF SERVICE

Pursuant to 37 CFR § 42.6(e)(4), the undersigned certifies that on July 3, 2025, a complete and entire copy of this Petitioner's Updated Exhibit List and accompanying exhibit was provided via email to the Patent Owner by serving the correspondence email address of record as follows:

Vincent J. Rubino, III (Reg. No. 68,594)
Peter Lambrianakos (Reg. No. 58,279)
Enrique W. Iturralde (Reg. No. 72,883)
Julian G. Pymonto (Reg. No. 75,999)
Jacob D. Ostling (Reg. No. 77,624)

FABRICANT LLP
411 Theodore Fremd Avenue,
Suite 206 South
Rye, New York 10580
Tel. 212-257-5797
Fax. 212-257-5796

PTAB@fabricantllp.com
vrubino@fabricantllp.com
plambrianakos@fabricantllp.com
eiturralde@fabricantllp.com
jpymonto@fabricantllp.com
jostling@fabricantllp.com

/Crena Pacheco/

Crena Pacheco
Fish & Richardson P.C.
60 South Sixth Street, Suite 3200
Minneapolis, MN 55402
pacheco@fr.com