

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC.
Petitioner

v.

APEX BEAM TECHNOLOGIES LLC,
Patent Owner

Case IPR2025-00896
Patent 10,912,081

PETITIONER'S UPDATED LIST OF EXHIBITS

LIST OF EXHIBITS

APPLE-1001	U.S. Patent No. 10,912,081
APPLE-1002	U.S. Patent No. 10,912,081 File History
APPLE-1003	Declaration of Dr. Robert Akl
APPLE-1004	U.S. Patent No. 11,039,470 to Chen et al. (“Chen”)
APPLE-1005	RESERVED
APPLE-1006	3GPP TR 25.892 V6.0.0 (2004-06) Technical Report (3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Feasibility Study for Orthogonal Frequency Division Multiplexing (OFDM) for UTRAN enhancement (Release 6)) (“TR-25.892”).
APPLE-1007	3GPP TS 36.213 version 12.11.0 Release 12 (2016-11) Technical Specification (Evolved Universal Terrestrial Radio Access (E-UTRA); Physical Layer Procedures) (“TS-36.213”).
APPLE-1008	3GPP TS 36.321 version 12.6.0 Release 12 (2015-07) Technical Specification (Evolved Universal Terrestrial Radio Access (E-UTRA); Medium Access Control (MAC) Protocol Specification) (“TS-36.321”).
APPLE-1009	Wu, Hao. “Accurate determination of transport block size for 5G new radio.” <i>Electronics Letters</i> 56.9 (2020): 459-462 (“Wu”).
APPLE-1010	Sandrasegaran, Kumbesan, Huda Adibah Mohd Ramli, and Riyaj Basukala. “Delay-prioritized scheduling (DPS) for real time traffic in 3GPP LTE system.” <i>2010 IEEE wireless communication and networking conference</i> . IEEE, 2010 (“Sandrasegaran”).

APPLE-1011	RESERVED
APPLE-1012	International Patent Publication No. WO 2018/201861 to Chen et al. (“Chen-PCT”), including certified English translation and certification
APPLE-1013	Chinese Patent Application Publication No. CN 108809488 to Chen et al. (“Chen Priority”), including certified English translation and certification
APPLE-1014	3GPP Declaration of Friedhelm Rodermund
APPLE-1015	First Amended Complaint, <i>Apex Beam Technologies LLC v. Apple Inc.</i> , Case No. 6:24-cv-00223-ADA-DIG (May 2, 2024 WDTX)
APPLE-1016	Complaint, <i>Apex Beam Technologies LLC v. Apple Inc.</i> , Case No. 6:24-cv-00223-ADA-DIG (April 29, 2024)
APPLE-1017	Proof of Service of Complaint, <i>Apex Beam Technologies LLC v. Apple Inc.</i> , Case No. 6:24-cv-00223-ADA-DIG
APPLE-1018	RESERVED
APPLE-1019	3GPP TS 36.211 V12.5.0 (2015-03) 3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical channels and modulation (Release 12)
APPLE-1020	3GPP TS 36.212 V12.4.0 (2015-03) 3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA); Multiplexing and channel coding (Release 12)

- APPLE-1021 3GPP TSG RAN WG1 Meeting #89, Hangzhou, China 15th – 19th May 2017, R1-1707475, CATT, “Discussion on DL beam management” (“CATT”)
- APPLE-1022 3GPP TSG RAN WG1 Contribution File Directory
https://www.3gpp.org/ftp/tsg_ran/wg1_rl1/TSGR1_89/Docs
- APPLE-1023 Dahlman et al., 4G LTE-Advanced Pro and The Road TO 5G (3d ed. 2016) (“Dahlman”)
- APPLE-1024 3GPP TS 36.201 V14.1.0 (2017-03) 3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA); LTE physical layer; General description (Release 14)
- APPLE-1025 3GPP TS 36.211 V14.2.0 (2017-03) 3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical channels and modulation (Release 14)
- APPLE-1026 3GPP TS 36.212 V14.2.0 (2017-03) 3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA); Multiplexing and channel coding (Release 14)
- APPLE-1027 3GPP TS 36.213 V14.2.0 (2017-03) 3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer procedures (Release 14)
- APPLE-1028 3GPP TS 36.331 V14.2.2 (2017-04) 3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC); Protocol specification (Release 14)

APPLE-1029	Declaration of June Ann Munford
APPLE-1030	Memorandum: Interim Processes for PTAB Workload Management (“Stewart Memorandum”)
APPLE-1031	PTAB-IPR2023-00599, Paper 12, Patent Owner’s Response
APPLE-1032	PTAB-IPR2023-00599, Paper 9, Decision Granting Institution
APPLE-1033	Patent Trial and Appeal Board (PTAB) Boardside Chat Interim processes relating to institution in AIA proceedings (April 24, 2025) <i>available at</i> https://www.uspto.gov/sites/default/files/documents/boardside_chat_interim_process_for_aia_institution_decisions.pdf
APPLE-1034	IPR2023-00599, EX2004, Deposition Transcript of Miguel Gomez, March 12, 2024
APPLE-1035	Apple Inc.’s Sotera Stipulation

Respectfully submitted,

Date: July 3, 2025

/Rishi Gupta/

W. Karl Renner, Reg. No. 41,265
Jennifer J. Huang, Reg. No. 64,297
Rishi Gupta, Reg. No. 64,768
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
jpymento@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