UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC.,
Petitioner

v.

TELCOM VENTURES LLC,
Patent Owner

Inter Partes Review Case No. IPR2025-01238
U.S. Patent No. 11,937,172

PETITIONER'S UPDATED EXHIBIT LIST

APPENDIX OF EXHIBITS

Exhibit	Description
1001	U.S. Patent No. 11,937,172 ("*the '172 Patent*")
1002	File History of the '172 Patent ("*File History*")
1003	Declaration of Stuart Lipoff
1004	Intentionally Left Blank
1005	U.S. Patent No. 8,229,852 to Carlson ("*Carlson*")
1006	U.S. Patent No. 9,558,485 to Griffin and Stone ("*Griffin*")
1007	U.S. Patent Publication No. 2008/0155268 to Jazayeri et al. ("*Jazayeri*")
1008	U.S. Patent Publication No. 2002/0095586 to Doyle et al. ("*Doyle*")
1009	WIPO International Publication No. WO 01/95246 to Murakami et al. ("*Murakami*")
1010	Complaint, Exhibit O, Claim Chart, 1:24-cv-23837-JEM, Doc 1-15
1011	Intentionally Left Blank
1012	Intentionally Left Blank
1013	Intentionally Left Blank
1014	Intentionally Left Blank
1015	Samsung Electronics Co. Ltd. et al. Preliminary Infringement Contentions, 2:24-cv-00691
1016	Int'l Org. for Standardization & Int'l Electrotechnical Comm'n, *ISO/IEC 14443-1: Identification Cards—Contactless Integrated Circuit(s) Cards—Proximity Cards—Part 1: Physical Characteristic*s (1st ed. Apr. 15, 2000) Int'l Org. for Standardization & Int'l Electrotechnical Comm'n, *ISO/IEC 14443-2: Identification Cards—Contactless Integrated Circuit(s) Cards—Proximity Cards—Part 2: Radio Frequency Power and Signal Interface* (1st ed. July 1, 2001) Int'l Org. for Standardization & Int'l Electrotechnical Comm'n, *ISO/IEC 14443-3: Identification Cards—Contactless Integrated Circuit(s) Cards—Proximity Cards—Part 3: Initialization and Anticollision* (1st ed. Feb. 1, 2001) Int'l Org. for Standardization & Int'l Electrotechnical Comm'n, *ISO/IEC 14443-4: Identification Cards—Contactless Integrated Circuit(s) Cards—Proximity Cards—Part 4: Transmission Protocol* (1st ed. Feb. 1, 2001) (collectively, "*ISO-14443*")
1017	Intentionally Left Blank

1018	Intentionally Left Blank
1019	Intentionally Left Blank
1020	Merriam-Webster's Collegiate Dictionary (10th ed. 1998) ("*Merriam-Webster*")
1021	Smart Card Alliance, *Contactless Payment and the Retail Point of Sale: Applications, Technologies and Transaction Models* (Mar. 2003) ("*Smartcard Alliance 2003*")
1022	Sony Corp., *Philips and Sony Announce Strategic Cooperation to Define Next-Generation Near Field Radio-Frequency Communications* (Sept. 5, 2002), https://www.sony.com/en/SonyInfo/News/Press/200209/02-0905E/ ("*Sony*")
1023	Smart Card Alliance, *Proximity Mobile Payments: Leveraging NFC and the Contactless Financial Payments Infrastructure* (Sept. 2007) ("*SC Alliance 2007*")
1024	Agnieszka Zmijewska, *Evaluating Wireless Technologies in Mobile Payments—A Customer Centric Approach*, in Proc. Int'l Conf. on Mobile Bus. (ICMB '05) (2005) ("*Zmijewska*")
1025	Kaveh Pahlavan & Prashant Krishnamurthy, *Principles of Wireless Networks* (Prentice Hall 2002) ("*Wireless Networks*")
1026	Vedat Coskun, Kerem Ok & Busra Ozdenizci, *Near Field Communication: From Theory to Practice* (John Wiley & Sons Ltd. 2012) ("*NFC Textbook*")
1027	Klaus Finkenzeller, RFID Handbook: Fundamentals and Applications in Contactless Smart Cards, Radio Frequency Identification, and Near-Field Communication (2d ed. John Wiley & Sons Ltd 2003) ("*RFID Handbook*")
1028	Rudolf Graf, *Modern Dictionary of Electronics* (7th ed. Newnes 1999) ("*Graf*")
1029	Harry Newton, *Newton's Telecom Dictionary* (23d ed. Flatiron Publishing 2007) ("*Newton's Telecom Dictionary*")
1030	Intentionally Left Blank
1031	U.S. Patent No. 7,213,742 to Birch et al. ("*Birch*")
1032	WIPO International Publication No. WO 02/49322 to Holloway and Falck ("*Holloway*")
1033	Declaration of June Munford
1034	Brent A. Miller & Chatschik Bisdikian, *Bluetooth Revealed: The Insider's Guide to an Open Specification for Global Wireless Communications* (Prentice Hall 2001) ("*Bluetooth Revealed*")

1035	CNET, *Photos: Hands-On With the Porsche P9521 Phone* (2007), https://www.cnet.com/tech/mobile/photos-hands-on-with-the-porsche-p9521-phone/ ("*Porsche P9521*")
1036	Mobile Phone Museum, *Portégé G910* (Jan. 21, 2008), https://www.mobilephonemuseum.com/phone-detail/portege-g910 ("*Toshiba G910*")
1037	CNET, *Toshiba Portege G500* Review (June 2007), https://www.cnet.com/reviews/toshiba-portege-g500-review/ ("*Toshiba G500*")
1038	CNET, *Toshiba Portégé G900 Review* (2007), https://www.cnet.com/reviews/toshiba-portege-g900-review/ ("*Toshiba G900*")
1039	Farpoint Group, *The Broad Reach of Biometrics: Fingerprint Recognition and Mobile Security*, Farpoint Grp. Tech. Note No. FPG 2008-435.1 (Nov. 2008), https://media.techtarget.com/searchMobileComputing /downloads/Fingerprint_Recognition_and_Mobile_Security.pdf ("*Farpoint Group*")
1040	U.S. Patent No. 8,943,580 to Fadell et al. ("*Fadell*")
1041	Inst. of Elec. & Elecs. Eng'rs, *IEEE Standard for Information Technology—Telecommunications and Information Exchange Between Systems—Local and Metropolitan Area Networks—Specific Requirements—Part 15.1: Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for Wireless Personal Area Networks (WPANs)*, IEEE Std 802.15.1™-2005 (June 14, 2005) ("*Bluetooth*")
1042	Notice of Sotera Plus Stipulation of Defendant Apple Inc., *Telecom Ventures LLC v. Apple Inc.,* Case No. 5:25-cv-05041

Respectfully submitted,

BY: */s/ Paul R. Hart*
Paul R. Hart, Reg. No. 59,646

COUNSEL FOR PETITIONER

CERTIFICATE OF SERVICE ON PATENT OWNER
UNDER 37 C.F.R. § 42.105

Pursuant to 37 C.F.R. § 42.6(e), the undersigned certifies that on October 3, 2025, the foregoing *Petitioner's Updated Exhibit List and Exhibit 1042* were served via electronic filing with the Board and via Electronic Mail on the following counsel of record for Patent Owner:

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