UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC.,
Petitioner

v.

CARDWARE INC.,
Patent Owner

Case No. IPR2025-01146
Patent No. 10,339,520

PETITIONER'S UPDATED EXHIBIT LIST

APPENDIX OF EXHIBITS

Exhibit 1001	U.S. Patent No. 10,339,520 to Wyatt ("the '520 patent")
Exhibit 1002	Excerpts from the Prosecution History of the '520 patent ("the Prosecution History")
Exhibit 1003	Expert Declaration of Dr. Clifford Neuman
Exhibit 1004	U.S. Patent No. 9,098,846 ("Gill")
Exhibit 1005	U.S. Pub. No. 2013/0232083 ("Smith")
Exhibit 1006	U.S. Pub. No. 2013/0124410 ("Kay")
Exhibit 1007	U.S. Patent No. 9,600,808 ("Gomez")
Exhibit 1008	Intentionally Left Blank
Exhibit 1009	Intentionally Left Blank
Exhibit 1010	Intentionally Left Blank
Exhibit 1011	Intentionally Left Blank
Exhibit 1012	Intentionally Left Blank
Exhibit 1013	Intentionally Left Blank
Exhibit 1014	Intentionally Left Blank
Exhibit 1015	Intentionally Left Blank
Exhibit 1016	Intentionally Left Blank
Exhibit 1017	Intentionally Left Blank
Exhibit 1018	Intentionally Left Blank
Exhibit 1019	Intentionally Left Blank
Exhibit 1020	IBM, *The Magnetic Stripe*, IBM, https://www.ibm.com/history/magnetic-stripe. ("*IBM*")
Exhibit 1021	*Vedat Coskun, Near Field Communication: Theory to Practice* (John Wiley & Sons, 1st ed. 2012) ("*Coskun*")
Exhibit 1022	*MagTek, Magnetic Stripe Card Standards*, (MagTek Inc. eds., 2011) ("*MagTek*")
Exhibit 1023	*EMVCo, LLC, EMV Integrated Circuit Card Specifications for Payment Systems: Book 2 – Security and Key Management* (EMVCo, LLC eds., Version 4.3 2011) ("*EMV*")
Exhibit 1024	*Klaus Finkenzeller, RFID Handbook* (John Wiley & Sons, 3rd ed. 2010) ("*Finkenzeller*")
Exhibit 1025	MasterCard, *MasterCard PayPass ™ in Action*, MASTERCARD (Jun. 11, 5:35 PM), https://www.mastercard.com/us/company/en/ourbusiness/paypass_in_action.html#:~:text=MasterCard%20PayPass%E2%84%A2%20in%20Action&text=Developed%20to%20replace%20the%20need,the%20way%20they%20view%20cash. ("*PayPass*")

Exhibit 1026	*Smart Card Alliance, EMV and NFC: Complementary Technologies that Deliver Secure Payments and Value-Added Functionality* (Smart Card Alliance, Inc. eds., 2012) ("*Smart*")
Exhibit 1027	U.S. Patent Publication No. 2012/0011058 to Pitroda et al. ("*Pitroda*")
Exhibit 1028	MasterCard, *MasterCard Approved Mobile Devices*, MASTERCARD (Aug. 3, 2012), http://www.mastercard-mobilepartner.com/docs/MasterCard_Approved_Mobile_Devices.pdf, [https://web.archive.org/web/20120906234255/http://www.mastercard-mobilepartner.com:80/docs/MasterCard_Approved_Mobile_Devices.pdf] ("*MasterCard Mobile Partner*")
Exhibit 1029	U.S. Patent Publication No. 2013/0054474 to Yeager ("*Yeager*")
Exhibit 1030	EMVCo, LLC, *EMV Chip At-a-Glance: Enabling Seamless and Secure Contact and Contactless Payments Around the World*, EMVCO (2002), https://www.emvco.com/wp-content/uploads/2022/09/EMV%C2%AE-Chip-At-A-Glance-EMVCo-eBook.pdf ("*EMVCo*")
Exhibit 1031	*Scoping SIG & Tokenization Taskforce PCI Security Standards Council, PCI Data Security Standard (PCI DSS) – Information Supplement: PCI DSS Tokenization Guidelines* (pci Security Standards Council eds., Version 2.0 2011) ("*PCI SSC*")
Exhibit 1032	*Alessandro Vizzarri et al., Security in Mobile Payments* (2013) ("*Vizzarri*")
Exhibit 1033	U.S. Patent Publication No. 2008/00110983 to Ashfield ("*Ashfield*")
Exhibit 1034	Intentionally Left Blank
Exhibit 1035	"Smart Card Technology: New Methods for Access Control" ("*Smart Card Tech.*")
Exhibit 1036	U.S. Patent No. 5,528,222 ("Moskowitz")
Exhibit 1037	"The Electronic Purse" ("Wenninger")
Exhibit 1038	U.S. Patent 5,594,233 ("Kenneth")
Exhibit 1039	U.S. Patent No. 7,004,385 ("Douglass")
Exhibit 1040	U.S. Pub. No. 2007/0265984 ("Sanantha")
Exhibit 1041	U.S. Pub. No. 2012/0197691 ("Grigg")
Exhibit 1042	U.S. Patent Publication No. 2010/0125509 ("Kranzley")
Exhibit 1043	U.S. Pub. No. 2011/0140841 ("Bona")

Exhibit 1044	U.S. Patent No. 8,462,133 ("Lynch")
Exhibit 1045	U.S. Patent No. 7,740,168 ("Hammad")
Exhibit 1046	"*A Note on the Use of Timestamps as Nonces,*" B. Clifford Neuman, et al., ACM SIGOPS Operating Systems Review, Volume 27, Issue 2, pp. 10 – 14 (April 1993)
Exhibit 1047	U.S. Pub. No. 2002/0174075 ("Mirlas")
Exhibit 1048	U.S. Patent No. 5,903,721 ("Sixtus")
Exhibit 1049	WO 2010/039337 ("Lin")
Exhibit 1050	U.S. Publn. No. 2009/0307132 ("Phillips"")
Exhibit 1051	Notice of Sotera Plus Stipulation *CardWare Inc. v. Apple Inc.*, Civil Action No. 1:25-cv-00446

ERISE IP, P.A.

BY: /s/ Adam P. Seitz

Adam P. Seitz, Reg. No. 52,206
adam.seitz@eriseip.com
7015 College Boulevard, Suite 700
Overland Park, Kansas 66211
(913) 777-5600 Telephone
(913) 777-5601 Facsimile

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 August 14, 2025, the foregoing *Petitioner's Updated Exhibit List and Exhibit 1051* were served via electronic filing with the Board and via Electronic Mail on the following counsel of record for Patent Owner:

Matthew G. Berkowitz (mberkowitz@reichmanjorgensen.com)
Patrick R. Colsher (pcolsher@reichmanjorgensen.com)
Khue V. Hoang (khoang@reichmanjorgensen.com)
Yue (Joy) Wang (ywang@reichmanjorgensen.com)
Timothy A. Trost (ttrost@reichmanjorgensen.com)
RJ_CardWare_AppleIPR@reichmanjorgensen.com

BY: */s/ Adam P. Seitz*
Adam P. Seitz, Reg. No. 52,206

COUNSEL FOR PETITIONER