UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

SAMSUNG ELECTRONICS CO., LTD. AND
SAMSUNG ELECTRONICS AMERICA, INC.

Petitioners

v.

RESONANT SYSTEMS, INC.,

Patent Owner

Case IPR2023-00993

U.S. Patent No. 9,941,830

PETITIONERS' UPDATED EXHIBIT LIST

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Exhibit No.	Description
1001	U.S. Patent 9,941,830 B2 ("'830Pat.")
1002	File History of U.S. Patent 9,941,830 ("'830FH")
1003	Declaration of Andrew Wolfe, Ph.D.
1004	Curriculum Vitae of Andrew Wolfe, Ph.D.
1005	U.S. Patent 7,292,227 B2 ("Fukumoto")
1006	U.S. Patent Application Publication 2006/0284849A1 ("Grant")
1007	U.S. Patent Application Publication 2006/0248183A1 ("Barton")
1008	U.S. Patent Application Publication 2004/0169480A1 ("Ueda")
1009	U.S. Patent Application Publication 2008/0174187A1 ("Erixon")
1010	U.S. Patent Application Publication 2008/0001484A1 ("Fuller")
1011	China Patent Application Publication 101488697A ("Dong")
1012	Certified Declaration of Dong Translation
1013	U.S. Patent 7,006,641 ("Saiki")
1014	U.S. Patent 8,917,486 ("Masahiko")
1015	Japan Patent Application Publication JPH08196053A ("Ogusu")
1016	Certified Declaration of Ogusu Translation
1017	Complaint in *Resonant Systems, Inc. v. Samsung Elecs. Co., Ltd.*, 2:22-cv-00423 (E.D. Tex. October 26, 2022)
1018	Docket Control Order in *Resonant Systems, Inc. v. Samsung Elecs. Co., Ltd.*, 2:22-cv-00423 (E.D. Tex.)
1019	Discovery Order in *Resonant Systems, Inc. v. Samsung Elecs. Co., Ltd.*, 2:22-cv-00423 (E.D. Tex.)
1020	Joint Motion for Entry of Agreed Docket Control Order in *Resonant Systems, Inc. v. Samsung Elecs. Co., Ltd.*, 2:22-cv-00423 (E.D. Tex.)
1021	Joint Motion for Entry of Agreed Discovery Order in *Resonant Systems, Inc. v. Samsung Elecs. Co., Ltd.*, 2:22-cv-00423 (E.D. Tex.)
1022	Amended Infringement Contentions in *Resonant Systems, Inc. v. Samsung Elecs. Co., Ltd.*, 2:22-cv-00423 (E.D. Tex.)
1023	U.S. Patent 9,369,081 B2 ("'081Pat.")
1024	File History of U.S. Patent 9,369,081 ("'081FH")
1025	U.S. Patent 8,860,337B2 ("'337Pat.")

Exhibit No.	Description
1026	File History of U.S. Patent 8,860,337B2 ("'337FH")
1027	U.S. Patent 8,093,767B2 ("'767Pat.")
1028	File History of U.S. Patent 8,093,767B2 ("'767FH")
1029	File History of Provisional Patent Application 61/179,109
1030	U.S. Patent Application Publication 2011/0144426A1 ("Blenk")
1031	U.S. Patent Application Publication 2011/0248817A1 ("Houston")
1032	U.S. Patent Application Publication 2007/0261185A1 ("Guney")
1033	U.S. Patent No. 3,919,616 ("Allison")
1034	U.S. Patent Application Publication 2009/0295739A1 ("Nagara")
1035	U.S. Patent Application Publication 2008/0153554A1 ("Yoon '554")
1036	U.S. Patent Application Publication 2008/0155415A1 ("Yoon '415")
1037	Exar Databook, *XR-8038: Precision Waveform Generator*, Chapter1 at 213–214 (1985), ("Exar")
1038	Herbert Friedman, *99 Electronic Projects*, Lafayette Radio Electronics, at 126 (1971), ("Friedman")
1039	Paul Horowitz and Winfield Hill, *The Art of Electronics, 2nd Edition,* Cambridge University Press, at 153–293 (1980), ("Horowitz")
1040	Water G. Jung, *IC Op-Amp Cookbook, Second Edition*, *The Art of Electronics, 2nd Edition,* Howard W. Sams & Co., Inc., at 360–362 (1974), ("Jung")
1041	Jacob Millman, *Micro-Electronics: Digital and Analog Circuits and Systems*, McGraw-Hill Book Company, at 651–653, (1979), ("Millman")
1042	STMicroelectronics, *L298: Dual Full-Bridge Driver*, STMicroelectronics at 1–13 (2000), ("STMicroelectronics")
1043	Stipulation of Grounds Pursued in District Court Litigation
1044	Updated Stipulation of Grounds Pursued in District Court Litigation
1045	Email from Board, dated October 2, 2023
1046	Wikipedia, H-bridge, accessed July 2, 2014
1047	Supplemental Declaration of Andrew Wolfe, Ph.D.

Exhibit No.	Description
1048	Transcript of Deposition of Dr. Keith Goossen
1049	*The Authoritative Dictionary of IEEE Standards Terms*, Seventh Edition, IEEE Press, at 703 (2000)
1050	*The American Heritage Science Dictionary*, Houghton Mifflin Company, at 408 (2005)
1051	J. Edward Carryer, R. Matthew Ohline, and Thomas W. Kenny, *Introduction to Mechatronic Design*, Pearson Education, Inc., at 121-124, 561-570 (2011)
1052	Paul Horowitz and Winfield Hill, *The Art of Electronics, 2nd Edition*, Cambridge University Press, at 898-902 (1989)
1053	Claim Construction Order in *Resonant Systems, Inc. v. Apple, Inc.*, MO:23-CV-00077-ADA (W.D. Tex.)
1054	Claim Construction Order in *Resonant Systems, Inc. v. Sony Group Corp.*, NO:2:22-CV-00424-JRG (E.D. Tex.)
1055	Decision Denying Institution in *Sony Interactive Entertainment Inc. v. Resonant Systems, Inc.*, IPR2024-00568, Paper 9
1056	Decision Denying Institution in *Sony Interactive Entertainment Inc. v. Resonant Systems, Inc.*, IPR2024-00570, Paper 9
1057	Demonstrative Exhibit – Petitioners' Presentation

Date: October 6, 2024

Respectfully submitted,

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CERTIFICATE OF SERVICE

I certify that on October 6, 2024, I caused a true and correct copy of the foregoing PETITIONERS' UPDATED EXHIBIT LIST to be filed via P-TACTS and served via electronic mail upon the following attorneys of record for the Patent Owner:

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