UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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

Petitioners

v.

RESONANT SYSTEMS, INC.,

Patent Owner

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Case IPR2023-00993

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

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**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 |

Date: September 17, 2024

Respectfully submitted,

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**CERTIFICATE OF SERVICE**

I certify that on September 17, 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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