

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

**AMAZON.COM, INC.,
AMAZON.COM SERVICES LLC, and
AMAZON WEB SERVICES, INC.,**
Petitioners,

v.

SOUNDCLEAR TECHNOLOGIES LLC,
Patent Owner.

Case No. IPR2025-01096
Patent No. 9,031,259

PETITIONERS' UPDATED EXHIBIT LIST

Amazon.com, Inc., Amazon.com Services LLC, and Amazon Web Services, Inc. (collectively, “Petitioners” or “Amazon”) hereby file an updated list of exhibits.

Exhibit No.	Description
1001	U.S. Patent No. 9,031,259
1002	Declaration of Richard Stern, Ph.D.
1003	U.S. Patent App. Publ. No. 2010/0081487 (“Chen”)
1004	U.S. Patent App. Publ. No. 2012/0197638 (“Li”)
1005	U.S. Patent App. Publ. No. 2008/0240463 (“Florencio”)
1006	Lae-Hoon Kim, Statistical Model Based Multi-Microphone Speech Processing: Toward Overcoming Mismatch Problem (2010) (Dissertation, University of Illinois at Urbana-Champaign) (“Kim”)
1007	PCT Patent App. Publ. No. WO2009/151578 (“Kleffner”)
1008	Curriculum Vitae of Richard Stern, Ph.D.
1009	U.S. Patent App. Publ. No. 2009/0164212 (“Chan”)
1010	U.S. Patent App. Publ. No. 2013/0013303 (“Strömmer”)
1011	Excerpts from MICROPHONE ARRAYS: SIGNAL PROCESSING TECHNIQUES AND APPLICATIONS (Michael Brandstein et al. eds., 2001) (“Brandstein”)
1012	U.S. Patent No. 8,897,455 (“Visser”)
1013	Eur. Telecomm. Standards Inst. [ETSI], <i>Digital Cellular Telecommunications System (Phase 2+); Voice Activity Detector (VAD) for Adaptive Multi-Rate (AMR) Speech Traffic Channels; General Description (GSM 06.94 Version 7.1.1 Release 1998)</i> , ETSI EN 301 708 V7.1.1 (1999-12) (“ETSI”)
1014	U.S. Patent No. 7,359,504 (“Reuss”)

Exhibit No.	Description
1015	U.S. Patent App. Publ. No. 2011/0264447 (“Visser ’447”)
1016	Excerpts from SPRINGER HANDBOOK OF SPEECH PROCESSING (Jacob Benesty et al. eds., 2008) (“Benesty”)
1017	Excerpts from DAG STRANNEBY & WILLIAM WALKER, DIGITAL SIGNAL PROCESSING AND APPLICATIONS (2d ed. 2004) (“Stranneby”)
1018	Excerpts from COMPREHENSIVE DICTIONARY OF ELECTRICAL ENGINEERING (Phillip A. Laplante ed., 2d ed. 2005) (“Comprehensive Dictionary”)
1019	Bernard Widrow et al., <i>Adaptive Noise Cancelling: Principles and Applications</i> , 63 Proc. IEEE 1692 (1975) (“Widrow”)
1020	File History of U.S. Patent No. 9,031,259
1021	Declaration of Sylvia Hall-Ellis, Ph.D.
<i>Exhibit Numbers 1022-1100 Not Used</i>	
1101	Order (Dkt. 56), <i>SoundClear Techs. LLC v. Amazon.com, Inc.</i> , No. 2:24-cv-00320 (E.D. Va. July 1, 2025)
1102	Transcript of Motion to Stay Hearing, <i>SoundClear Techs., LLC v. Amazon.com, Inc.</i> , No. 1:24-cv-01283 (E.D. Va. Mar. 26, 2025)
1103	<i>Time to Milestones – Virginia Eastern District</i> , Docket Navigator, from http://www.docketnavigator.com (report generated July 14, 2025)

September 24, 2025

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CERTIFICATE OF SERVICE

The undersigned hereby certifies that a copy of this **PETITIONERS' UP-DATED EXHIBIT LIST** is being served on September 24, 2025 via e-mail on counsel of record for Patent Owner at the addresses below:

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