UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

SAMSUNG ELECTRONICS CO., LTD.;
SAMSUNG ELECTRONICS AMERICA, INC.,
Petitioner

v.

OURARING, INC.
Patent Owner.

Case No. PGR2024-00030
U.S. Patent No. 11,868,178

PETITIONER'S NOTICE OF APPEAL

Pursuant to 37 C.F.R. § 90.2(a) and 35 U.S.C. § 142, Samsung Electronics Co., Ltd. and Samsung Electronics America, Inc. ("Samsung" or "Petitioner") hereby gives notice that it appeals the Patent Trial and Appeal Board's ("Board's") Final Written Decision, entered on November 25, 2025 (Paper No. 57) in the above-captioned *inter partes* review of United States Patent No. 11,868,178 ("the '178 Patent") to the United States Court of Appeals for the Federal Circuit, including all underlying orders, decisions, rulings, and opinions that are adverse to Petitioner.

For the limited purpose of providing the Director with the information request in 37 C.F.R. § 90.2(a)(3)(ii), Petitioner's issues on appeal may include, but are not limited to: (1) the Board's determinations and applications of any express or implied constructions for the claim terms at issue to the prior art of record; (2) the Board's determination of patentability of claims 1-3, 17, and 18 of the '178 Patent under 35 U.S.C. § 103 in view of Schröder; (3) the Board's determination of patentability of claims 1-3 and 13-16 of the '178 Patent under 35 U.S.C. § 103 in view of Schröder and Niwa; (4) the Board's determination of patentability of claims 3 and 12 of the '178 Patent under 35 U.S.C. § 103 in view of Schröder and Mestas; (5) the Board's determination of patentability of claims 1, 4-10, and 13-16 of the '178 Patent under 35 U.S.C. § 103 in view of Schröder and Yuen; (6) the Board's determination of patentability of claims 1-3

and 13-18 of the ’178 Patent under 35 U.S.C. § 103 in view of Niwa; (7) the Board’s determination of patentability of claims 1-3 and 13-18 of the ’178 Patent under 35 U.S.C. § 103 in view of Niwa and Schröder; (8) the Board’s determination of patentability of claim 12 of the ’178 Patent under 35 U.S.C. § 103 in view of Niwa and Mestas; (9) the Board’s determination of patentability of claim 12 of the ’178 Patent under 35 U.S.C. § 103 in view of Niwa, Schröder, and Mestas; (10) the Board’s determination of patentability of claims 4-10 of the ’178 Patent under 35 U.S.C. § 103 in view of Niwa and Yuen; (11) the Board’s determination of patentability of claims 4-10 of the ’178 Patent under 35 U.S.C. § 103 in view of Niwa, Schröder, and Yuen; (12) the Board’s determination that Petitioner changed its theory in its Reply; (13) the Board’s characterization of Petitioner’s expert’s testimony regarding the state of the art of batteries; (14) the Board’s legal errors in undertaking its obviousness analyses and application of the claim language to the prior art of record; (15) the Board’s findings that conflict with the evidence of record and are not supported by substantial evidence; and (16) findings or determinations supporting or related to the aforementioned issues as well as all other issues decided adversely to Petitioner in any orders, decisions, rulings, phone conference decisions, and/or opinions.

Simultaneously with the submission, Petitioner is mailing a true and correct copy of this Notice of Appeal to the Director of the United States Patent and Trademark Office, and filing a true and correct copy of the same, along with the required docketing fee, with the Clerk of the United States Court of Appeals for the Federal Circuit.

Respectfully submitted,

/s/ William M. Fink
William M. Fink (Reg. No. 72,332)

CERTIFICATE OF SERVICE

In accordance with 37 C.F.R. § 90.2(a)(1) and § 104.2, I hereby certify that on December 11, 2025, in additional to being filed electronically through the Board's P-TACTS System, a true and correct copy of the foregoing PETITIONER'S NOTICE OF APPEAL was served by express overnight mail on the Director of the United States Patent and Trademark office, at the following address:

Director of the United States Patent and Trademark Office
c/o Office of the General Counsel
P.O. Box 1450
Alexandria, Virginia 22313-1450

CERTIFICATE OF SERVICE

I hereby certify that on December 11, 2025, a true and correct copy of the foregoing PETITIONER'S NOTICE OF APPEAL, along with a copy of the Final Written Decision, was filed electronically with the Clerk's Office of the United States Court of Appeals for the Federal Circuit, at the following address:

United States Court of Appeals for the Federal Circuit
717 Madison Place, N.W., Suite 401
Washington DC 20005

CERTIFICATE OF SERVICE

I hereby certify that on December 11, 2025, I caused a true and correct copy of the foregoing PETITIONER'S NOTICE OF APPEAL to be served electronically on counsel for Patent Owner at the following addresses:

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