UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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MONOLITHIC POWER SYSTEMS, INC.,
Petitioner,

v.

GREENTHREAD, LLC,
Patent Owner.

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Case: IPR2024-00470
U.S. Patent No. 11,121,222

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PATENT OWNER'S NOTICE OF APPEAL

Pursuant to 35 U.S.C. §§ 141-142 and 319, 37 C.F.R. §§ 90.2-90.3, Federal Rule of Appellate Procedure 15, and Federal Circuit Rule 15, Patent Owner Greenthread, LLC ("Greenthread" or "Patent Owner") hereby provides notice that it appeals to the United States Court of Appeals for the Federal Circuit from the Final Written Decision of the Patent Trial and Appeal Board ("Board" or "PTAB") entered on February 19, 2026 (Paper 90, "Final Written Decision"), and from all underlying findings, determinations, rulings, opinions, orders, issues, and decisions regarding the *inter partes* review of U.S. Patent No. 11,121,222 ("the '222 Patent"). This Notice of Appeal and petition for review of the Final Written Decision is timely under 37 C.F.R. § 90.3(a)(1), having been filed within 63 days after the Director's decision deny Director Review (Paper 94). *See* 37 C.F.R. § 42.75(e)(3).

For the limited purpose of providing the Director with the information requested in 37 C.F.R. § 90.2(a)(3)(ii), issues on appeal may include but are not limited to the Board's factual findings and conclusions of law, the Board's determinations of the unpatentability of the claims and any finding or determination supporting or relating to such determinations of unpatentability including but not limited to claim construction issues, obviousness issues, the scope of the alleged prior art, Board findings that conflict with the evidence of record and are not supported by substantial evidence, as well as other issues decided adversely to Patent Owner in any orders, decisions, rulings and/or opinions, further including but not

limited to: (i) the Board's interpretation of the alleged prior art; (ii) the Board's claim constructions; (iii) the Board's determination that claim 44 of the '195 Patent was shown to be obvious under 35 U.S.C. § 103(a), and is thus unpatentable; (iv) the Board's legal errors in undertaking its obviousness analyses; (v) the Board's motivation to combine analyses; (vi) the Board's analysis of secondary considerations of nonobviousness; (vii) the Board's findings that conflict with the evidence of record or are otherwise unsupported by substantial evidence; (viii) the Board's failure to consider evidence of record (including testimonial and documentary evidence) fully and properly; and (ix) any other findings or determinations supporting or relating to these issues as well as other issues decided adversely to Patent Owner in any orders, decisions, rulings, or opinions in this proceeding.

Simultaneously with this submission, Patent Owner is filing a true and correct copy of this Notice of Appeal with the Director of the United States Patent and Trademark Office as well as a true and correct copy of the same, along with the required filing fee, with the Clerk of the United States Court of Appeals for the Federal Circuit, as set forth in the accompanying Certificate of Filing.

Dated: June 22, 2026 Respectfully submitted,

/Alan Whitehurst/

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Counsel for Patent Owner
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CERTIFICATION OF FILING

The undersigned hereby certifies that, in addition to being electronically filed, a true and correct copy of the above-captioned **PATENT OWNER'S NOTICE OF APPEAL** is being filed via Priority Mail Express with the Director on June 22, 2026, at the following address:

Director of the United States Patent and Trademark Office
c/o Office of the General Counsel, 10B20
United States of the Patent and Trademark Office
P.O. Box 1450
Alexandria, Virginia 22313-1450

The undersigned also hereby certifies that a true and correct copy of the above-captioned **PATENT OWNER'S NOTICE OF APPEAL** and the filing fee is being filed via CM/ECF with the Clerk's Office of the United States Court of Appeals for the Federal Circuit on June 22, 2026.

Dated: June 22, 2026

By: */Alan Whitehurst/*
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Counsel for Patent Owner
Greenthread, LLC