UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

GOOGLE LLC
Petitioner

v.

HEADWATER RESEARCH LLC
Patent Owner

Case No. IPR2026-00442
Patent 11,985,155

PETITIONER POWER OF ATTORNEY

Pursuant to 37 C.F.R. §42.10(b), Petitioner Google LLC hereby appoints the practitioners associated with Buchanan Ingersoll & Rooney PC, Customer No. 21839, including the following lead and backup counsel, as its attorneys to transact all business before the U.S. Patent and Trademark Office Patent Trial and Appeal Board in connection with the *Inter Partes* Review of U.S. Patent No. 11,985,155.

Lead Counsel	**Backup Counsel**
Patrick C. Keane (Reg. No. 32,858) BUCHANAN INGERSOLL & ROONEY PC 1700 K Street, N.W., Suite 300 Washington, DC 20006 Telephone (703) 838-6522 Facsimile (202) 452-7989 patrick.keane@bipc.com	Roger H. Lee (Reg. No. 46,317) BUCHANAN INGERSOLL & ROONEY PC 1700 K Street, N.W., Suite 300 Washington, DC 20006 Telephone (703) 838-6545 Facsimile (202) 452-7989 roger.lee@bipc.com
Backup Counsel	**Backup Counsel**
Andrew J. Koopman (Reg. No. 65,537) BUCHANAN INGERSOLL & ROONEY PC 2200 Renaissance Blvd., Suite 350 King of Prussia, PA 19406 Telephone (610) 993-4217 Facsimile (610) 407-0701 andrew.koopman@bipc.com	Samuel Harrod (Reg. No. 79,148) BUCHANAN INGERSOLL & ROONEY PC Union Trust Building 501 Grant Street Suite 200 Pittsburgh, PA 15219 Telephone (412) 562-8805 Facsimile (412) 562-1041 samuel.harrod@bipc.com

All correspondence should be directed to counsel at the addresses provided above. The undersigned has the authority to execute this document on behalf of Google LLC.

GOOGLE LLC

8/21/2026

Date

Signed by:
Patrick Weston
FFFBBFB1D1DD4A3...

Signature

Patrick Weston
Name

Senior Litigation Counsel
Title