UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

DISH NETWORK LLC, DISH NETWORK SERVICE LLC, DISH NETWORK CORPORATION, and DISH NETWORK CALIFORNIA SERVICE CORPORATION,
Petitioners,

v.

ENTROPIC COMMUNICATIONS, LLC,
Patent Owner.

Case IPR2024-00462
U.S. Patent No. 7,889,759

PATENT OWNER ENTROPIC COMMUNICATIONS, LLC'S UPDATED POWER OF ATTORNEY

POWER OF ATTORNEY

Pursuant to 37 C.F.R. § 42.10(b), Patent Owner Entropic Communications, LLC hereby appoints the practitioners associated with K&L Gates LLP, Customer Numbers 24573 and 26285, including the following counsel, as its attorneys to transact all business in the United States Patent and Trademark Office associated with *inter partes* review of U.S. Patent No. 7,889,759.

Lead Counsel: Jason A. Engel (Reg. No. 51,654)

First Backup Counsel: Kenneth J. Weatherwax (Reg. No. 54,528)

Backup Counsel: Samuel P. Richey (Reg. No. 64,085)

Backup Counsel: Erik J. Halverson (Reg. No. 73,552)

Backup Counsel: Jared R. Lund (Reg. No. 78, 413)

Backup Counsel: James A. Shimota (*pro hac vice* to be filed)

Backup Counsel: Nathan Lowenstein (*pro hac vice* to be filed)

Backup Counsel: Parham Hendifar (Reg. No. 71,470)

Backup Counsel: Colette Woo (*pro hac vice* to be filed)

The undersigned is authorized to sign this Power of Attorney on behalf of Entropic Communications, LLC.

Date: April 18, 2024

By: _____

Name: Patrick Diaz

Title: CFO

CERTIFICATE OF SERVICE

I hereby certify that on April 22, 2024, a true and correct copy of the foregoing was caused to be served electronically on the following counsel of record for Petitioner at the following email address:

Adam R. Shartzer
Ruffin B. Cordell
Michael J. Ballanco
Matthew P. Mosteller
John J. Thuermer
Alyaman Amer
Timothy Riffe
Usman Khan
Fish & Richardson P.C.
60 South Sixth Street
Minneapolis, MN 55402
Tel: 202-783-5070
Fax: 877-769-7945
Email: IPR45035-0026IP1@fr.com

By: /Jason A. Engel/

Jason A. Engel
Reg. No. 51,654
K&L Gates LLP
70 W. Madison Street, Suite 3100
Chicago, IL 60602
Jason.Engel.PTAB@klgates.com
T: (312) 807-4236
F: (312) 827-8145