UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

CHARTER COMMUNICATIONS, INC.,
Petitioner

v.

ADAPTIVE SPECTRUM AND SIGNAL ALIGNMENT, INC.,
Patent Owner

Case IPR2025-00012
U.S. Patent No. 10,848,398

PATENT OWNER ADAPTIVE SPECTRUM AND SIGNAL ALIGNMENT, INC.'S POWER OF ATTORNEY

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Patent Trial and Appeal Board
U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Pursuant to 37 C.F.R. § 42.10(b), Patent Owner Adaptive Spectrum and Signal Alignment, Inc. hereby appoints the practitioners associated with Customer Number 26111 and all other practitioners listed below as its attorneys to transact all business in the United States Patent & Trademark Office associated with the above-captioned *inter partes* review of U.S. Patent No. 10,848,398.

These attorneys include at least:

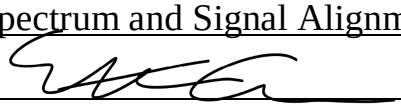
Lead Counsel:	David L. Alberti (Reg. No. 43,465) dalberti@krameralberti.com
Back-up Counsel:	Jason A. Fitzsimmons (Reg. No. 65,367) jfitzsimmons-PTAB@sternekessler.com
	Richard M. Bemben (Reg. No. 68,658) rbemben-PTAB@sternekessler.com
	Michael D. Specht (Reg. No. 54,463) mspecht-PTAB@sternekessler.com
	Hong S. Lin (Reg. No. 54,629) hlin@krameralberti.com
	Sal Lim (Reg. No. 45,706) slim@krameralberti.com

Addresses:

KRAMER ALBERTI LIM & TONKOVICH LLP
950 Tower Lane
Suite 1725
Foster City, California 94404
Tel.: 650-825-4300
Fax: 650-460-8443

STERNE, KESSLER, GOLDSTEIN & FOX PLLC
1101 K Street NW, 10th Floor
Washington, D.C. 20005
Tel.: 202-371-2600
Fax: 202-371-2540

FOR: Adaptive Spectrum and Signal Alignment, Inc.

SIGNATURE: 

NAME: Ethan Andelman

TITLE: General Counsel

DATE: November 19, 2024

CERTIFICATE OF SERVICE (37 C.F.R. § 42.6(e))

I certify that the above-captioned **PATENT OWNER ADAPTIVE SPECTRUM AND SIGNAL ALIGNMENT, INC.'S POWER OF ATTORNEY** was served in its entirety on November 20, 2024 upon the following parties via electronic mail:

Erik B. Milch (Lead Counsel)
Joseph Drayton (Back-up Counsel)
Elizabeth Shrieves (Back-up Counsel)
Edward Wang (Back-up Counsel)
PROSKAUER ROSE LLP
emilch@proskauer.com
jdrayton@proskauer.com
eshrieves@proskauer.com
ewang@proskauer.com

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX PLLC

/Jason A. Fitzsimmons/

Jason A. Fitzsimmons
Registration No. 65,367
Attorney for Patent Owner

Date: November 20, 2024

1101 K Street, NW, 10th Floor
Washington, DC 20005
(202) 371-2600