

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

QSC AUDIO PRODUCTS, LLC

Petitioner

v.

CREST AUDIO, INC.

Patent Owner

CASE: Unassigned

Patent No. 5,652,544

POWER OF ATTORNEY

Pursuant to 37 C.F.R. 42.10(b), Petitioner, QSC AUDIO PRODUCTS, LLC, hereby appoints following lead and back-up counsel to prosecute and transact all business before the Patent Trial & Appeal Board of the United States Patent and Trademark Office connected with a Petition for *Inter Partes* Review of U.S. Patent No. 5,652,544 entitled "APPARATUS AND METHOD FOR PROGRAMMING AN AMPLIFIER" in which, based on information and belief, Crest Audio, Inc. has ownership interest:

LEAD COUNSEL	BACK-UP COUNSEL
Rodney C. Tullett USPTO Reg. No. 34,034 Perkins Coie LLP 1201 Third Avenue, Suite 4900 Seattle, WA 98101 Phone: 206-359-3304 Fax: 206-359-9000 RTullett@perkinscoie.com	Chun M. Ng USPTO Reg. No. 36,878 Perkins Coie LLP 1201 Third Avenue, Suite 4900 Seattle, WA 98101 Phone: 206-359-6231 Fax: 206-359-9000 CNg@perkinscoie.com

The undersigned is authorized to sign this Power of Attorney on behalf of Petitioner QSC AUDIO PRODUCTS, LLC.

Date: November 6, 2013

Jatan Shah
Name: Jatan Shah
Title: Chief Operating Officer
QSC AUDIO PRODUCTS, LLC