

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

ZTE (USA) INC.,

Petitioners,

v.

BELL NORTHERN RESEARCH, LLC.,

Patent Owner.

Case IPR2019-01438

Patent No. 8,416,862

POWER OF ATTORNEY

Pursuant to 37 C.F.R. 42.10(b), Petitioner ZTE (USA) Inc. hereby appoints the following counsel to transact all business before the Patent Trial & Appeal Board of the United States Patent and Trademark Office in connection with a Petition for *Inter Partes* Review of U.S. Patent No. 8,416,862 entitled “Efficient feedback of channel information in a closed loop beamforming wireless communication system.”

Petition for *Inter Partes* Review of Patent No. 8,416,862

LEAD COUNSEL	BACK-UP COUNSEL
<p>Amol A. Parikh USPTO Reg. No. 60,671 McDERMOTT WILL & EMERY 444 West Lake Street Chicago, IL 606060-0029</p> <p>Email: amparikh@mwe.com Additional email: jrbaker@mwe.com</p> <p>Phone: 312-984-6477 Fax: 312-984-7700</p>	<p>Charles M. McMahon USPTO Reg. No. 44,926 McDERMOTT WILL & EMERY 444 West Lake Street Chicago, IL 606060-0029</p> <p>Email: cmcmahon@mwe.com Phone: 312-984-7641 Fax: 312-984-7700</p>
	<p>Jiaxiao Zhang USPTO Reg. No. 63,235 McDERMOTT WILL & EMERY 18565 Jamboree Road, Suite 250 Irvine, CA 92612-2565</p> <p>Email: jiazhang@mwe.com Phone: 949-757-6398 Fax: 949-851-9348</p>
	<p>Thomas M. DaMario USPTO Reg. No. 77,142 McDERMOTT WILL & EMERY 444 West Lake Street Chicago, IL 606060-0029</p> <p>Email: tdamario@mwe.com Phone: 312-984-7527 Fax: 312-984-7700</p> <p>Attorneys for ZTE (USA) Inc.</p>

Petition for *Inter Partes* Review of Patent No. 8,416,862

The undersigned is authorized to sign this Power of Attorney on behalf of
Petitioner, ZTE (USA) Inc.

By:  _____

Printed Name: J. Ray Wood

Title: Chief Patent Counsel

Date: July 23, 2019