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UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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Comcast Cable Communications, LLC; Cox Communications, Inc.; Time Warner  
Cable Enterprises LLC; Verizon Services Corp. and ARRIS Group, Inc.,

Petitioner,

v.

TQ DELTA LLC,  
Patent Owner.

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Case IPR2017-00417  
Patent No. 8,718,158

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**TQ DELTA LLC's POWER OF ATTORNEY**

The undersigned hereby appoints the following attorneys and/or agents to prosecute the above captioned *Inter Partes* Review and to transact all business in the U.S. Patent and Trademark Office connected herewith:

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TITLE: Managing Director

DATE: December 21, 2016

**CERTIFICATE OF SERVICE**

I hereby certify that a true and correct copy of the foregoing **Patent Owner's Power of Attorney** was served on December 22, 2016, via email to counsel for Petitioner at the following:

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