

Filed on behalf of TQ Delta LLC

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UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

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.

Case IPR2017-00419
Patent No. 8,238,412

**PATENT OWNER'S MANDATORY NOTICES
PURSUANT TO 37 C.F.R. § 42.8(a)(2)**

Patent Owner's Mandatory Notices
IPR2017-00419
U.S. Patent No. 8,238,412

Pursuant to 37 C.F.R. § 42.8(a)(3), Patent Owner TQ Delta LLC (“Patent Owner” and real party in interest), hereby submits the following mandatory notices in connection with Comcast Cable Communications, LLC; Cox Communications, Inc.; Time Warner Cable Enterprises LLC; Verizon Services Corp. and ARRIS Group, Inc.’s (“Petitioner”) Petition for *inter parties* review of United States Patent No. 8,238,412 Case No. IPR2017-00419.

PATENT OWNER POWER OF ATTORNEY

A Power of Attorney appointing the undersigned and the undersigned’s firm is being filed concurrently with these Notices.

REAL PARTY-IN-INTEREST

TQ Delta LLC is the owner of the entire interest in U.S. Patent No. 8,238,412 (“the ‘412 Patent”), and thus is a real-party-in-interest.

RELATED MATTERS

Patent Owner identifies the following judicial or administrative matters that would affect or be affected by a decision in the proceedings:

1. *TQ Delta LLC v. Comcast Cable Communications LLC*, Case No. 1:15-cv-00611-RGA (D. Del., filed July 17, 2015);
2. *TQ Delta LLC v. Coxcom LLC et al.*, Case No. 1:15-cv-00612-RGA (D. Del., filed July 17, 2015);

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3. *TQ Delta LLC v. DirecTV LLC*, Case No. 1:15-cv-00613-RGA (D. Del., filed July 17, 2015);
4. *TQ Delta LLC v. DISH Network Corporation et al.*, Case No. 1:15-cv-00614-RGA (D. Del., filed July 17, 2015);
5. *TQ Delta LLC v. Time Warner Cable Inc., et al.*, Case No. 1:15-cv-00615-RGA (D. Del., filed July 17, 2015);
6. *TQ Delta LLC v. Verizon Services Corp.*, Case No. 1:15-cv-00616-RGA (D. Del., filed July 17, 2015);
7. *TQ Delta LLC v. 2Wire, Inc.*, Case No. 13-cv-1835-RGA (D. Del., filed November 4, 2013);
8. *TQ Delta LLC v. Zhone Technologies, Inc.*, Case No. 13-cv-1836-RGA (D. Del., filed November 4, 2013);
9. *TQ Delta LLC v. ZyXEL Communications, Inc. and ZyXEL Communications Corp.*, Case No. 13-cv-02013-RGA (D. Del., filed November 4, 2013);
10. *TQ Delta LLC v. ADTRAN, Inc.*, Case No. 1:14-cv-00954-RGA (D. Del., filed July 17, 2014);
11. *ADTRAN, Inc. v. TQ Delta LLC*, 15-cv-00121-RGA (pending in D. Del., transferred from N.D. Al., Case No. 5:14-cv-01381, filed July 17, 2014);

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12. *Cisco Systems, Inc. v. TQ Delta, LLC*, IPR2016-01006 (filed on May 6, 2016) involving related U.S. Patent No. 7,835,430;

13. *Cisco Systems, Inc. v. TQ Delta, LLC*, IPR2016-01007 (filed on May 6, 2016) involving related U.S. Patent No. 8,432,956;

14. *Cisco Systems, Inc. v. TQ Delta, LLC*, IPR2016-01008 (filed on May 6, 2016);

15. *Cisco Systems, Inc. v. TQ Delta, LLC*, IPR2016-01009 (filed on May 6, 2016);

16. *DISH Network L.L.C. v. TQ Delta, LLC*, IPR2017-00251 and Motion for Joinder to IPR2016-01006 (filed on November 11, 2016) involving related U.S. Patent No. 7,835,430;

17. *DISH Network L.L.C. v. TQ Delta, LLC*, IPR2017-00253 and Motion for Joinder to IPR2016-01008 (filed on November 11, 2016);

18. *Comcast Cable Communications, LLC, et al. v. TQ Delta, LLC*, IPR2017-00420 (filed on December 5, 2016) involving related U.S. Patent No. 7,835,430;

19. *ARRIS Group, Inc. v. TQ Delta, LLC*, IPR2017-00422 (filed on December 5, 2016) involving related U.S. Patent No. 8,432,956; and

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20. U.S. Patent Application No. 15/016,432 filed on February 5, 2016, which is pending and claims common benefit with related U.S. Patent No. 7,835,430;

21. U.S. Patent Application No. 15/098,932 filed on April 14, 2016, which is pending and claims common benefit with U.S. Patent No. 8,238,412; related U.S. Patent No. 7,835,430; and related U.S. Patent No. 8,432,956; and

22. U.S. Patent Application No. 15/295,602 filed on October 17, 2016, which is pending and claims common benefit with related U.S. Patent No. 7,835,430.

**LEAD COUNSEL AND
SERVICE INFORMATION FOR PATENT OWNER**

Pursuant to 37 C.F.R. § 42.8(b)(3) patent owner designates the following counsel:

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