

Filed on behalf of TQ Delta, LLC
By: Peter J. McAndrews
McAndrews, Held & Malloy, Ltd.
500 W. Madison St., 34th Floor
Chicago, IL 60661
Tel: 312-775-8000
Fax: 312-775-8100
E-mail: pmcandrews@mcandrews-ip.com

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

CISCO SYSTEMS, INC., DISH NETWORK, LLC,
COMCAST CABLE COMMUNICATIONS, LLC,
COX COMMUNICATIONS, INC.,
TIME WARNER CABLE ENTERPRISES LLC,
VERIZON SERVICES CORP., and ARRIS GROUP, INC.
Petitioners,

v.

TQ DELTA, LLC
Patent Owner

Case No. IPR2016-01006¹
Patent No. 7,835,430

**PATENT OWNER'S LISTING OF IMPROPER REPLY / NEW
ARGUMENT AND EVIDENCE**

¹ DISH Network, L.L.C., who filed a Petition in IPR2017-00251, and Comcast Cable Communications, L.L.C., Cox Communications, Inc., Time Warner Cable Enterprises L.L.C., Verizon Services Corp., and ARRIS Group, Inc., who filed a Petition in IPR2017-00420, have been joined in this proceeding.

Pursuant to the Board's Order (Paper No. 21) entered June 22, 2017, Patent Owner identifies the following statements from Petitioner's reply that are beyond the proper scope of a reply, including new argument and evidence:

- (1) Petitioner's Reply at p. 14, ln. 18-p. 15, ln. 14 ("Similarly, Cisco's expert, Dr. Kiaei, . . .");
 - a. Ex. CSCO-1100 (Kiaei Reply Decl.) at p. 35, ln. 13-p. 36, ln. 19 (¶¶ 73-74).
- (2) Petitioner's Reply at p. 25, lns 4-20 ("**3. The teachings of Chang** . . .");
 - a. Ex. CSCO-1100 at p. 39, ln. 4-p. 40, ln. 2 (¶¶ 82-83).
- (3) Petitioner's Reply at p. 20, lns. 6-16 ("To illustrate, if Milbrandt . . .");
 - a. Ex. CSCO-1100 at p. 42, lns. 1-15 (¶¶ 89-90).
- (4) Petitioner's Reply at p. 16, ln. 21-p. 18, ln. 3 ("Although, like most ADSL systems...");
 - a. Ex. CSCO-1100 at p. 38, ln 14-p. 20, ln. 2 (¶¶ 81-83).
 - b. Ex. CSCO-1102 (entirety)

Patent Owner's Listing of Improper Reply / New Argument and Evidence
IPR2016-01006

Dated: June 27, 2017

/Peter J. McAndrews/

Peter J. McAndrews
Registration No. 38,547
McAndrews, Held, & Malloy, Ltd.
500 West Madison St., Suite 3400
Chicago, IL 60661
Telephone: (312) 775-8000

CUSTOMER NUMBER: 23446

CERTIFICATE OF SERVICE

I certify that a true and correct copy of the foregoing **PATENT OWNER'S LISTING OF IMPROPER REPLY/NEW ARGUMENT AND EVIDENCE** was served on June 27, 2017 via electronic mail to counsel for Petitioner at the following:

Lead Counsel	Back-up Counsel
David L. McCombs HAYNES & BOONE, LLP 2323 Victory Ave., Suite 700 Dallas, TX 75219 Tel. 214-651-5533 Fax 214-200-0853 david.mccombs.ipr@haynesboone.com	Theodore M. Foster Tel. 972-739-8649 Gregory P. Huh Tel. 972-739-6939 Russell Emerson Tel. 214-651-5328 HAYNES & BOONE, LLP 2323 Victory Ave., Suite 700 Dallas, TX 75219 Fax 972-692-9156 ipr.theo.foster@haynesboone.com gregory.huh.ipr@haynesboone.com russell.emerson.ipr@haynesboone.com
Heidi L. Keefe hkeefe@cooley.com zpatdcdocketing@cooley.com Cooley LLP Patent Group 1299 Pennsylvania Ave., NW, Ste 700 Washington, DC 20004	Stephen McBride smcbride@cooley.com Cooley LLP Patent Group 1299 Pennsylvania Ave., NW, Ste 700 Washington, DC 20004
John M. Baird Duane Morris LLP 505 9 th St. NW, Ste 1000 Washington, DC 20004 Tel. 202-776-7819 Fax 202-776-7801 JMBaird@duanemorris.com	Christopher Tyson Duane Morris LLP 505 9 th St. NW, Ste 1000 Washington, DC 20004 Tel. 202-776-7819 Fax 202-776-7801 CJTyson@duanemorris.com

Patent Owner's Listing of Improper Reply / New Argument and Evidence
IPR2016-01006

Respectfully submitted,

Dated: June 27, 2017

/Peter J. McAndrews/

Peter J. McAndrews
Registration No. 38,547

MCANDREWS HELD & MALLOY
500 West Madison, 34th Floor
Chicago, Illinois 60661
(312) 775-8000
(312) 775-8100 - fax