

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.,
Petitioners,

v.

TQ DELTA, LLC
Patent Owner

Case No. IPR2016-01009
Patent No. 8,238,412

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

Pursuant to the Board's Order (Paper No. 20) entered June 22, 2017, Patent Owner provides the following listing of statements and evidence in that are beyond the proper scope of a reply, including new argument and evidence:

- (1) Petitioner's Reply at p. 13, ln. 7-p. 14, ln. 7 ("**c. V.90 protocol is an alternative . . .**")
 - a. Ex. CSCO-1100 (Kiaei Reply Decl.) at p. 14, lns. 5-19 (¶ 25).
- (2) Petitioner's Reply at p. 23, ln. 19-p. 25, ln. 20 ("**2. A POSITA would . . .**";)
 - a. Ex. CSCO-1100 at p. 35, ln. 13-p. 36, ln. 19 (¶¶ 73-74).
- (3) 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).
- (4) Petitioner's Reply at p. 27, lns. 1-3 ("To illustrate, if Milbrandt . . .");
 - a. Ex. CSCO-1100 at p. 42, lns. 1-15 (¶¶ 89-90).
- (5) Petitioner's Reply at p. 27, ln. 14-p. 28, ln. 3 ("TQ Delta, however, fails to recognize...");
 - a. Ex. CSCO-1100 at p. 42, ln. 16-p. 44, ln. 2 (¶¶ 91-93).
- (6) Petitioner's Reply at p. 28, lns. 4-16 ("**c. Remedial measures . . .**";)
 - a. Ex. CSCO-1100 at p. 44, ln. 3-p. 45, ln. 13 (¶¶ 94-96).
- (7) Petitioner's Reply at p. 25, lns. 13-21 ("As Dr. Kiaei explains, a POSITA would . . .");
 - a. Ex. CSCO-1100 at p. 38, ln 14-p. 20, ln. 2 (¶¶ 81-83),

Patent Owner's Listing of Improper Reply / New Argument and Evidence
IPR2016-01009

- b. Ex. CSCO-1102 (entirety).
- (8) Petitioner's Reply at p. 15, ln. 10-p. 16, ln. 3 ("Power and PSD are related as each other's . . .");
- a. Ex. CSCO-1100 at p. 9, ln. 15-p. 10, ln. 10 (¶¶ 16-17) and p. 14, ln. 6-p. 17, ln. 17 (¶¶ 29-31).
- (9) Petitioner's Reply at p. 18, ln. 11-p. 19, ln. 14 ("Further, that SNR is measured . . . ");
- a. Ex. CSCO-1100 at p. 24, lns. 5-14; p. 25, lns. 10-13; p. 26, lns. 1-26 (¶¶ 45, 48 and 50-51),
 - b. Ex. CSCO-1014 at pp. 108, 109 and 111.
- (10) Petitioner's Reply at p. 19, ln. 15-p. 20, ln. 21 ("4. ANSI T1.413's **SNR margin** . . .");
- a. Ex. CSCO-1100 at p. 27, ln. 11-p. 29, ln. 17 (¶¶ 54-58).
- (11) Petitioner's Reply at p. 20, ln. 21-p. 22, ln. 11 ("As ANSI T1.413 teaches . . .");
- a. Ex. CSCO-1100 at p. 31, ln. 9-p. 34, ln. 5 (¶¶ 62-68).
- (12) Petitioner's Reply at p. 30, footnote 4;
- a. Ex. CSCO-1100 at p. 21, ln. 5-p. 22, ln. 7 (¶¶ 39-40),
 - b. Ex. 1109 (entirety).

Patent Owner's Listing of Improper Reply / New Argument and Evidence
IPR2016-01009

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

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