

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

CISCO SYSTEMS, INC. and ARRIS GROUP, INC.,
Petitioner

v.

TQ DELTA, LLC,
Patent Owner

Case IPR2016-01007¹
Patent 8,432,956 B2

**PETITIONER'S ITEMIZED LISTING
PURSUANT TO PAPER 20**

¹ ARRIS Group, Inc., who filed a Petition in IPR2017-00422, has been joined in this proceeding.

In accordance with the Board's Order on the Conduct of Proceedings, Paper 20, Petitioner respectfully submits an itemized listing identifying specific portions in Patent Owner's Response, Paper 13, as the material that triggered or caused the Petitioner to include in its Reply each item listed by Patent Owner in Paper 21:

- 1) PO Resp. p. 15, *l.* 13–p. 16, *l.* 5.
 - a) PO Resp. p. 15, *l.* 13–p. 16, *l.* 5.
- 2) PO Resp. p. 17, *l.* 4–p. 18, *l.* 6; p. 18, *l.* 17–p. 19, *l.* 4.
 - a) PO Resp. p. 12, *l.* 13–p. 13, *l.* 11; p. 14, *l.* 2–p. 15, *l.* 13; p. 17, *l.* 4–p. 18, *l.* 6; p. 18, *l.* 17–p. 19, *l.* 4.
- 3) PO Resp. p. 25, *l.* 13–p. 26, *l.* 1.
 - a) PO Resp. p. 25, *l.* 13–p. 26, *l.* 1.
 - b) PO Resp. p. 25, *l.* 13–p. 26, *l.* 1.
- 4) PO Resp. p. 27, *l.* 1–p. 28, *l.* 1.
 - a) PO Resp. p. 27, *l.* 1–p. 28, *l.* 1.
- 5) PO Resp. p. 29, *ll.* 10–14; p. 30, *ll.* 4–6; p. 28, footnote 2.
 - a) PO Resp. p. 29, *ll.* 10–15; p. 30, *ll.* 4–6; p. 28, footnote 2.
- 6) PO Resp. p. 20, *l.* 11–p. 21, *l.* 14; p. 28, footnote 2.
 - a) PO Resp. p. 20, *l.* 11–p. 21, *l.* 14; p. 28, footnote 2.
 - b) PO Resp. p. 20, *l.* 11–p. 21, *l.* 14; p. 22, *ll.* 10–12; p. 23, *ll.* 10–17; p. 28, footnote 2.

Respectfully submitted,

July 3, 2017

/David L. McCombs/
David L. McCombs
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Registration No. 32,271

CERTIFICATE OF SERVICE

The undersigned certifies, in accordance with 37 C.F.R. § 42.205, that service was made on the Patent Owner as detailed below.

Date of service July 3, 2017

Manner of service Email: pmcandrews@mcandrews-ip.com;
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Documents served Petitioner's Itemized Listing

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