

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

ARRIS GROUP, INC.,
Petitioner,
v.

TQ DELTA, LLC,
Patent Owner.

Case IPR2016-01160
Patent No. 8,611,404

PATENT OWNER'S NOTICE OF APPEAL

Patent Owner's Notice of Appeal
IPR2016-01160
U.S. Patent No. 8,611,404

Pursuant to 35 U.S.C. §§ 141, 142, and 319, 37 C.F.R. §§ 90.2, 90.3, and 104.2, and Rule 4(a) of the Federal Rules of Appellate Procedure, Patent Owner TQ Delta, LLC (“Patent Owner”) hereby appeals to the United States Court of Appeals for the Federal Circuit from the Final Written Decision (Paper 45) entered by the Patent Trial and Appeal Board on January 27, 2021, and all rulings leading up to that decision.

In particular, and in accordance with 37 C.F.R. § 90.2(a)(3)(ii), Patent Owner identifies at least the following issues on appeal:

- The Board’s finding that Claims 1-5, 7-10, 12-15, and 17-19 of U.S. Patent No. 8,611,404 are unpatentable as obvious over U.S. Patent No. 5,956,323 (“Bowie”), U.S. Patent No. 6,246,725 (“Vanzielegem”), and the American National Standards Institution (ANSI) T1.413-1995 Standard (“ANSI T1.413”); and
- Any Board finding, determination, judgment, or order supporting or related to the aforementioned issues as well as all other issues decided adversely to Patent Owner in any orders, decisions, ruling, and opinions.

Patent Owner is concurrently filing a copy of this Notice of Appeal with the Director of the United States Patent and Trademark Office and the Patent Trial and

Patent Owner's Notice of Appeal
IPR2016-01160
U.S. Patent No. 8,611,404

Appeal Board, and a copy of the same, along with the required fees, with the United States Court of Appeals for the Federal Circuit.

Dated: March 31, 2021

Respectfully submitted,

/Peter J. McAndrews/

Peter J. McAndrews

Registration No. 38,547

McAndrews, Held & Malloy, Ltd.

500 West Madison Street, 34th Floor

Chicago, Illinois 60661

Office: (312) 775-8000

Fax: (312) 775-8100

Email: pmcandrews@mcandrews-ip.com

Lead Counsel for Patent Owner

Patent Owner's Notice of Appeal
IPR2016-01160
U.S. Patent No. 8,611,404

CERTIFICATE OF FILING

The undersigned hereby certifies that, in addition to being electronically filed through PTAB E2E, a true and correct copy of the above-captioned **PATENT OWNER'S NOTICE OF APPEAL** is being served by hand delivery to the Director of the United States Patent and Trademark Office on March 31, 2021, at the following address:

Director of the U.S. Patent & Trademark Office
c/o Office of the General Counsel, 10B20
Madison Building East
600 Dulany Street
Alexandria, VA 22314

The undersigned also hereby certifies that a true and correct copy of the above-captioned **PATENT OWNER'S NOTICE OF APPEAL** and the filing fee is being filed via CM/ECF with the Clerk's Office of the United States Court of Appeals for the Federal Circuit on March 31, 2021.

Dated: March 31, 2021

/Peter J. McAndrews/

Peter J. McAndrews
Registration No. 38,547
McANDREWS, HELD & MALLOY
500 West Madison Street, 34th Floor
Chicago, Illinois 60661
Telephone: (312) 775-8000

Lead Counsel for Patent Owner

Patent Owner's Notice of Appeal
IPR2016-01160
U.S. Patent No. 8,611,404

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing **Patent Owner's Notice of Appeal** was served on March 31, 2021, via email to counsel for Petitioner at the following:

Lead Counsel	Back-up Counsel
Charles Griggers Thomas Horstemeyer, LLP 3200 Windy Hill Road SE Suite 1600E Atlanta, GA 30039 Tel. 770-933-9500 Fax 770-951-0933 charles.griggers@thomashorstemeyer.com	Dan Gresham Thomas Horstemeyer, LLP 3200 Windy Hill Road SE Suite 1600E Atlanta, GA 30039 Tel. 770-933-9500 Fax 770-951-0933 dan.gresham@thomashorstemeyer.com Jim Shead CommScope 4516 Seton Center Parkway Suite 185 Austin, TX 78759 Tel. 512-425-2410

MCANDREWS, HELD & MALLOY

Telephone: 312-775-8000
Facsimile: 312-775-8100

CUSTOMER NUMBER: 23446

/Peter J. McAndrews/
Peter J. McAndrews
Registration No. 38,547

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.