

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 8,611,404

Before SALLY C. MEDLEY, KALYAN K. DESHPANDE, and
TREVOR M. JEFFERSON, *Administrative Patent Judges*

**PETITIONER'S REPLY
TO PATENT OWNER'S RESPONSE**

TABLE OF CONTENTS

I. Introduction..... 1

II. Discussion Of The ‘404 Patent And The Cited References..... 6

III. The Board’s Claim Construction Is Proper..... 8

 A. “Synchronizing Signal” 8

 B. “Parameter Associated With The Full Power Mode Operation”..... 9

IV. Discussion Of Bowie, Vanzielegem, And The 1995 ADSL Standard..... 11

 A. Bowie, Vanzielegem, And The 1995 ADSL Standard Are Obvious To Combine..... 11

 B. Bowie Discloses Storing A Parameter Associated With The Full Power Mode Operation..... 12

 C. Storing In The Low Power Mode At Least One of A Fine Gain Parameter And A Bit Allocation Parameter Is Obvious In View Of Bowie And The 1995 ADSL Standard..... 13

 D. Patent Owner Mischaracterizes Bowie..... 14

 E. Bowie And The ‘404 Patent Are Fundamentally Similar..... 16

 F. Disclosure Of The Claimed Synchronization Signal..... 18

 G. Claims Are Obvious In View Of Proposed Combination..... 19

V. Conclusion..... 24

Certificate of Word Count..... 25

Certificate of Service..... 26

PETITIONER’S EXHIBIT LIST

Ex. No.	Brief Description
1001	U.S. Patent No. 8,612,404 to Greszczuk, et. al. (“404 Patent”)
1002	U.S. Provisional S/N: 60/072,447, “A Multicarrier Transmission System with a Low Power Sleep Mode and with Instant-On Capability,” filed Jan. 26, 1998.
1003	Declaration of Lance McNally.
1004	<i>Curriculum Vitae</i> of Lance McNally.
1005	U.S. Patent No. 5,956,323 to Bowie. (“Bowie”)
1006	U.S. Patent No. 6,246,725 to Vanzielegem et al. (“Vanzielegem”)
1007	T1E1.4/97-161R1, “Warm Re-Start for ADSL”, Werner Henkel, Peter S. Chow, September 22-26, 1997 T1E1.4 Working Group Meeting. (“97-161R1”)
1008	T1E1.4/97-319, “Power Down in Multicarrier Transmission”, Thierry Pollet, Peter Reusens, September 22-26, 1997 T1E1.4 Working Group Meeting. (“97-319”)
1009	ANSI T1.413-1995 – Network and Customer Installation Interfaces – Asymmetric Digital Subscriber Line (ADSL) Metallic Interface (Aug. 18, 1995). (“1995 ADSL Standard”)
1010	Accredited Standards Committee T1 – Telecommunications, Procedures Manual, Tenth Issue, Year End 1995.
1011	T1E1.4/97-362 Meeting Report of September 22-25 WG meeting in Minneapolis, MN - Uploaded to T1 FTP Server on Nov. 12, 1997.
1012	T1E1.4/97-463 Meeting Report, including Meeting Attendance Log from September 1997 Meeting.
1013	Harry Newton, <i>Newton’s Telecom Dictionary</i> (8 th ed. 1994).
1014	Alliance for Telecommunications Industry Solutions (ATIS) (Susan M. Miller) response to: In the Matter of Implementation of Section 273 of the Communications Act of 1934 as amended by the Telecommunications Act of 1996, CC Docket No. 96-254, Feb. 24, 1997.
1015	Aware, Inc., Annual Report (Form 10-K) (January 27, 1998).
1016	Internet Archive Capture of T1E1.4 Uploaded 1997 Contributions, Jan. 30, 1998 (http://web.archive.org/web/19980130071451/http://t1.org/index/0312.htm).
1017	U.S. Provisional Application No. 60/052,140 (July 10, 1997).

Ex. No.	Brief Description
1018	Procedures for the Development and Coordination of American National Standards, American National Standards Institute, March 1997.
1019	Non-Final Office Action mailed July 24, 2003 for Application No. 09/563,527 (issued as U.S. Patent 6,845,103) that cites ANSI T1.413-1995 as a prior art reference under 35 U.S.C. 103(a). <ul style="list-style-type: none"><li data-bbox="407 499 1406 579">• <i>This Supplemental Exhibit has been served to Patent Owner but has not been filed.</i>

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755 F.3d 1367, 1371 (Fed. Cir. 2014)..... 10

Phillips v. AWH Corp.
415 F.3d 1303, 1316 (Fed. Cir. 2005)..... 12

KSR Int’l Co. v. Teleflex Inc.
550 U.S. 398, 417 (2007)..... 24

STATUTES

35 U.S.C. §103(a)..... 1, 24

37 C.F.R. §42.100(b)..... 8

37 C.F.R. §1.75(d)(1)..... 12

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