

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

COMMSCOPE, INC.
Petitioner

v.

TQ DELTA, LLC
Patent Owner

U.S. Patent No. 7,836,381
Issue Date: November 16, 2010
Title: Computer Readable Medium With Instructions For
Resource Sharing In A Telecommunications Environment

Case No. IPR2023-00066

PETITIONER'S UPDATED EXHIBIT LIST

Mail Stop PATENT BOARD
Patent Trial and Appeal Board
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Pursuant to 37 C.F.R. § 42.63(e), Petitioner CommScope, Inc.

hereby submits a current listing of Petitioner's Exhibits.

UPDATED EXHIBIT LIST

Exhibit	Short Name	Description
Ex. 1001	'381 Patent	U.S. Patent No. 7,836,381
Ex. 1002	'381 File History	File History of U.S. Patent No. 7,836,381
Ex. 1003	Wesel Declaration	Declaration of Dr. Richard Wesel, under 37 C.F.R. § 1.68
Ex. 1004	Wesel CV	<i>Curriculum Vitae</i> of Dr. Richard Wesel
Ex. 1005	Mazzoni	U.S. Patent No. 7,269,208
Ex. 1006	Fadavi-Ardekani	U.S. Patent No. 6,707,822
Ex. 1007	VDSL1	ETSI TS 101 270-2 V1.2.1 Technical Specification
Ex. 1008	Forney	G. David Forney, <i>Burst-Correcting Codes for the Classic Bursty Channel</i> , Vol. Com-19, No. 5, IEEE Transactions on Communications, 772 (1971)
Ex. 1009	Zogakis	T. Nicholas Zogakis, <i>A Coded and Shaped Discrete Multitone System</i> , Vol. 43, No. 12, IEEE Transactions on Communications, 2941 (1995)
Ex. 1010	Kernighan	B.W. Kernighan, D. M. Ritchie, <i>The C Programming Language</i> , 1998
Ex. 1011	AT&T DSP (1981)	J. R. Boddie, <i>Overview: The Device, Support Facilities, and Applications</i> , Vol. 60, The Bell System Technical Journal, 1431 (1981)

Exhibit	Short Name	Description
Ex. 1012	AT&T DSP 32 (1986)	J. R. Boddie, <i>The DSP32 Digital Signal Processor and its Application Development Tools</i> , AT&T Technical Journal, 89 (1986)
Ex. 1013	Texas Instruments TMS 320 (1994)	Mansoor A. Chishtie, <i>Telecommunications Applications With the TMS320C5x DSPs</i> , Digital Signal Processing Products (1994)
Ex. 1014	Maxwell	U.S. Patent No. 4,924,456
Ex. 1015	V.32 <i>bis</i>	ITU Recommendation V.32 <i>bis</i> (1991)
Ex. 1016	V.32	ITU Recommendation V.32 (1993)
Ex. 1017	LB-031	ITU Contribution LB-031 (June 2004)
Ex. 1018	Family 3 Claim Construction Opinion	<i>TQ Delta, LLC v. 2Wire, Inc.</i> , No. 13-cv-01835-RGA, ECF. No. 445 (D. Del. Dec. 18, 2017) (Claim Construction Opinion)
Ex. 1019	Family 3 Claim Construction Order	<i>TQ Delta, LLC v. 2Wire, Inc.</i> , No. 13-cv-01835-RGA, ECF. No. 454 (D. Del. Dec. 28, 2017) (Claim Construction Order)
Ex. 1020	Family 1 Claim Construction Opinion	<i>TQ Delta, LLC v. 2Wire, Inc.</i> , No. 13-cv-01835-RGA, ECF. No.477 (D. Del. Jan 30, 2018) (Claim Construction Opinion)
Ex. 1021	Family 4 Claim Construction Order	<i>TQ Delta, LLC v. 2Wire, Inc.</i> , No. 13-cv-01835-RGA, ECF. No. 484 (D. Del. Feb. 6, 2018) (Claim Construction Order)
Ex. 1022	Family 3 MSJ Opinion	<i>TQ Delta, LLC v. 2Wire, Inc.</i> , No. 13-cv-01835-RGA, ECF No. 1106 (D. Del. Apr. 25, 2019) (MSJ Opinion)
Ex. 1023	Family 3 Jury Form	<i>TQ Delta, LLC v. 2Wire, Inc.</i> , No. 13-cv-01835-RGA, ECF No. 1187 (D. Del. May 23, 2019) (Jury Form)

Exhibit	Short Name	Description
Ex. 1024	'890 Patent	U.S. Patent No. 7,831,890
Ex. 1025	'890 File History	File History of U.S. Patent No. 7,831,890
Ex. 1026	Veithen	Veithen et al., <i>A 70 Mbps Variable-Rate DMT-based Modem for VDSL</i> , IEEE International Solid-State Circuits Conference, 248 (1999)
Ex. 1027	Kiss	Kiss et al, <i>A Customizable DSP for DMT-Based ADSL Modem</i> , IEEE, 349 (1998)
Ex. 1028	Third and Final Scheduling Order	<i>TQ Delta, LLC v. 2Wire, Inc.</i> , No. 1:13-cv-01835, Dkt. No. 117 (D. Del. April 10, 2017) (Third and Final Scheduling Order)
Ex. 1029	2Wire Docket	<i>TQ Delta, LLC v. 2Wire, Inc.</i> , No. 1:13-cv-01835 (D. Del.) (Docket as of February 25, 2022)
Ex. 1030	Sept. 15, 2021 Letter	<i>TQ Delta, LLC v. 2Wire, Inc.</i> , No. 1:13-cv-01835, Dkt. No. 1591 (D. Del. Sept. 15, 2021) (Letter)
Ex. 1031	RESERVED	RESERVED
Ex. 1032	Feb. 24, 2022 Letter Regarding ADTRAN Case Schedule	<i>TQ Delta, LLC v. ADTRAN, Inc.</i> , No. 1:14-cv-00954, Dkt. No. 1373 (Feb. 24, 2022) (Letter)
Ex. 1033	Hall-Ellis Declaration	Declaration of Sylvia Hall-Ellis

Exhibit	Short Name	Description
Ex. 1034	Emails to Board	November - December 2022 Emails to Board from Petitioner CommScope seeking joinder

Dated: December 23, 2022

/Sanjeet K. Dutta/

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CERTIFICATE OF SERVICE ON PATENT OWNER

Pursuant to 37 C.F.R. §§ 42.6(e) the undersigned hereby certifies that
“PETITIONER’S UPDATED EXHIBIT LIST” were served by email upon
lead counsel for Patent Owner, pursuant to Patent Owner’s agreement to accept
service by email as set forth in Patent Owner’s Mandatory Notices.

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