

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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Comcast Cable Communications, LLC; Cox Communications, Inc.; Time Warner  
Cable Enterprises LLC; Verizon Services Corp. and ARRIS Group, Inc.

Petitioner

v.

TQ Delta, LLC

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PETITION FOR *INTER PARTES* REVIEW

OF

U.S. PATENT NO. 9,014,243

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**PETITIONER'S EXHIBIT LIST**

Ex. 1001	U.S. Patent No. 9,014,243 to Tzannes (“the ’243 patent”)
Ex. 1002	Prosecution File History of U.S. Pat. No. 9,014,243
Ex. 1003	Prosecution File History of U.S. Pat. No. 8,355,427
Ex. 1004	Prosecution File History of U.S. Pat. No. 8,218,610
Ex. 1005	Prosecution File History of U.S. Pat. No. 8,073,041
Ex. 1006	Prosecution File History of U.S. Pat. No. 7,292,627
Ex. 1007	Prosecution File History of U.S. Pat. No. 6,961,369
Ex. 1008	U.S. Provisional Application No. 60/164,134
Ex. 1009	Declaration of Dr. Jose Tellado under 37 C.F.R. § 1.68
Ex. 1010	Curriculum Vitae of Dr. Jose Tellado
Ex. 1011	U.S. Patent No. 6,144,696 to Shively et al. (“Shively”)
Ex. 1012	U.S. Patent No. 6,625,219 to Stopler (“Stopler”)
Ex. 1013	U.S. Patent No. 6,424,646 to Gerszberg et al. (“Gerszberg”)
Ex. 1014	Harry Newton, NEWTON’S TELECOM DICTIONARY, 13 <sup>th</sup> Ed. (1998) (selected pages)
Ex. 1015	Kim Maxwell, “Asymmetric Digital Subscriber Line: Interim Technology for the Next Forty Years,” <i>IEEE Communications Magazine</i> (Oct. 1996).
Ex. 1016	Walter Goralski, ADSL and DSL Technologies (McGraw-Hill 1998) (selected pages)
Ex. 1017	American National Standard for Telecommunications, Network and Customer Installation Interfaces-Asymmetric Digital Subscribers Line (ADSL) Metallic Interface (ANSI T1.413-1995)
Ex. 1018	Declaration of David Bader

**I. Mandatory Notices**

**A. Real Party-in-Interest**

Petitioner, along with the following entities, are the real parties-in-interest: Comcast Corporation; Comcast Cable Communications Management, LLC; CoxCom, LLC; Time Warner Cable, LLC; and, Spectrum Management Holding Company, LLC. Additionally, the Verizon Petitioner (Verizon Services Corp.), out of an abundance of caution in light of prior challenges to the named real parties-in-interest in separate and unrelated IPR petitions, identifies each of Verizon Communications Inc., Verizon Data Services LLC, Cellco Partnership d/b/a Verizon Wireless, Verizon Corporate Resources Group LLC, Verizon Services Organization Inc., as a real party-in-interest for the IPR requested by this Petition solely to the extent that Patent Owner contends that any of these separate legal entities should be named a real party-in-interest in the requested IPR, and the Verizon Petitioner does so to avoid the potential expenditure of resources to resolve such a challenge. Also, the Verizon Petitioner notes that Verizon Communications Inc. has over 500 affiliated entities and each of these entities agrees to be estopped under the provisions of 35 U.S.C. §§ 315 and/or 325 as a result of any final written decision in the requested IPR to the same extent that the Verizon Petitioner is estopped. No unnamed entity is funding, controlling, or

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