

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

CISCO SYSTEMS, INC., DISH NETWORK, LLC,
COMCAST CABLE COMMUNICATIONS, LLC,
COX COMMUNICATIONS, INC.,
TIME WARNER CABLE ENTERPRISES LLC,
VERIZON SERVICES CORP., and ARRIS GROUP, INC.,
Petitioner

v.

TQ DELTA, LLC,
Patent Owner

Case IPR2016-01006¹
Patent 7,835,430 B2

PETITIONER'S REPLY

¹ DISH Network, LLC, who filed a Petition in IPR2017-00251, and Comcast Cable Communications, LLC, Cox Communications, Inc., Time Warner Cable Enterprises LLC, Verizon Services Corp., and ARRIS Group, Inc., who filed a Petition in IPR2017-00420, have been joined in this proceeding.

TABLE OF CONTENTS

PETITIONER’S EXHIBIT LIST3

I. Introduction.....6

II. Milbrandt in Combination With Chang Renders Obvious Frequency Domain “*Idle Channel Noise Information*”8

A. Milbrandt does not “teach away” from Chang.....8

1. Physical incorporation is not required9

2. Milbrandt does not teach away from Chang’s measuring of idle channel/background noise.....10

B. A POSITA would have had a reasonable expectation of success in combining the teachings of Chang with Milbrandt.....13

C. The teachings of Chang do not change Milbrandt’s principle of operation16

D. There are numerous distinct reasons to combine the teachings of Milbrandt and Chang18

1. Assessing system interactions is a benefit18

2. Remedial measures - addressing power spikes is a benefit20

3. Remedial measures - adjusting power/gain on adjacent lines is a benefit.....22

III. TQ Delta’s Attack on Dr. Kiaei Has No Merit.....23

IV. Conclusion23

PETITIONER'S UPDATED EXHIBIT LIST

June 8, 2017

1001	U.S. Patent No. 7,835,430 to Krinsky et al.
1002	Prosecution File History of U.S. 8,432,956
1003	Prosecution File History of U.S. 8,238,412
1004	Prosecution File History of U.S. 7,835,430
1005	Prosecution File History of U.S. 7,570,686
1006	Prosecution File History of U.S. 6,658,052
1007	U.S. Provisional Application No. 60/224,308
1008	U.S. Provisional Application No. 60/174,865
1009	Declaration of Dr. Sayfe Kiaei Under 37 C.F.R. § 1.68
1010	Curriculum Vitae of Dr. Sayfe Kiaei
1011	U.S. Patent No. 6,636,603 to Milbrandt
1012	U.S. Patent No. 6,891,803 to Chang et al.
1013	U.S. Patent No. 6,590,893 to Hwang et al.
1014	ANSI T1.413-1995 Standard
1015	Charles K. Summers, ADSL STANDARDS, IMPLEMENTATION, AND ARCHITECTURE (CRC Press 1999) (selected pages)
1016	Walter Goralski, ADSL AND DSL TECHNOLOGIES (McGraw-Hill 1998) (selected pages)

1017	Harry Newton, NEWTON'S TELECOM DICTIONARY, 16 th Ed. (2000) (selected pages)
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1019	Thomas Starr, John M. Cioffi, Peter J. Silverman, UNDERSTANDING DIGITAL SUBSCRIBER LINE TECHNOLOGY, (Prentice Hall 1999) (selected pages)
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1023	Declaration of David Bader
1100	Second Declaration of Dr. Sayfe Kiaei Under 37 C.F.R. § 1.68
1101	George Abe, RESIDENTIAL BROADBAND (Cisco Press, Second Edition 2000) (selected pages)
1102	Martin Rowe, ADSL Testing Moves Out of the Lab (April 1, 1999)
1103	Declaration of Robert Short
1104	U.S. 6,625,219
1105	U.S. 7,292,627
1106	Douglas Chrissan, Uni-DSL: One DSL for Universal Service, White Paper (June 2004)

1107	U.S. 6,374,288
1108	Ata Elahi, Network Communications Technology (Delmar Thomson Learning 2001) (selected pages)
1109	FCC Filing for Alcatel Model 1000 ADSL Modem, 1999
1110	Deposition Transcript of Douglas Chrissan
1111	Second Declaration of David Bader

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